



The wise choice

committed to
brands.

Culture Media and Supplies for Microbiology

Edition No. 7



HUBERLAB.

committed to science

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THE COMPANY INTRODUCTION

Headquartered in Barcelona (Spain), Scharlab has experienced an important growth in the last few decades. This has enabled the company to serve its customers through a distribution network in over 100 countries and with direct presence in several other countries.

The company was founded in 1949 in Barcelona under the name of FEROSA as an organic synthesis company. In 1954, this company was bought by Paul Scharlau, a second generation German in Spain. He then reached an agreement with the German company Dr. Theodor Schuchardt to distribute their laboratory chemicals and to manufacture under license in Spain.

In 1970, Schuchardt was sold to Merck-Darmstadt and FEROSA had no alternative but to start selling chemicals under a different name. Thus the Scharlau brand was born in 1971. Thousands of purification processes were consequently perfected to offer reagents of exceptional purity.

In 1980, Paul Scharlau passed away and his son, Werner, took over the business. The company focused from then on in manufacturing high purity solvents in general and HPLC solvents in particular.

In 1991 FEROSA acquired a Spanish company manufacturing dehydrated culture media for microbiology. In 1993 the first edition of the catalogue for culture media is published and export of these products began. With regard to the Spanish market, Reactivos Scharlau decided to become a distributor of Laboratory Supplies. It was organized into five major product categories: Chemistry, Microbiology, Chromatography, Glassware, Consumables, Safety and Equipment. The widespread improvement in logistics in Spain helped Reactivos Scharlau to become one of the leading distributors of laboratory supplies in Spain.

Today, the company offers a complete portfolio of laboratory supplies and operates under the Scharlab company name and Scharlau product brand, employing over 300 people. Scharlab does not belong to a private equity fund, which means it can focus on long-term goals that guarantee stability for both its customers and team.

Scharlab is a company dedicated to design, manufacture and distribute products and services supporting scientists to achieve a better world.

In this catalogue you will find all Scharlau branded products designed to be used in a **Microbiological laboratory: Culture Media, Strains, Chemicals and Reagents, Glassware and Consumables**. There is also information regarding the documentation that supports the quality of the products, where to find it and how to interpret it.

We hope that you find this new Catalogue useful, facilitating your daily work. Should you not find what you need, please contact us by email at helpdesk@scharlab.com. Alternatively, you may enquire via our web site www.scharlab.com.



Contact.

HUBERLAB.

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OneStop. OneShop – HUBERLAB. bietet das Rundum-Sorglos-Paket für alle Bedürfnisse im Labor.

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Caring about the environment
is caring about you

We are committed to fulfilling or exceeding customer expectations by implementing a management system, which includes outstanding quality of service and products, the preservation of the environment, while also ensuring the health & safety of our personnel.

Since 1995 we have been operating a quality system in accordance with ISO 9001 requirements, and since 2002, an environmental system for our chemical production unit according to ISO 14001. Scharlab also meets the Spanish legal requirements (law 31/95) regarding health & safety in the work place.

Scharlab is in the process of implementing ENAC accreditation for the ISO 17025 standard with respect to pH determinations in buffered solutions and volumetric solutions, to demonstrate the technical competence in assigning values for the reference materials produced. Once this certification is accredited, Scharlab will implement and accredit the ISO 17034 for the production of certified reference materials. In parallel, Scharlab already markets standard solutions for ICP, atomic absorption and organic standards produced in an ISO 17025 and ISO 17034 accredited laboratory.

We have an integrated manual for all three areas, including written procedures and documentation related to the management of business in accordance with the requirements for this quality system.

A Quality Assurance department, independent from other operating units and reporting to the general manager, is responsible for the control, implementation and enhancement of this comprehensive management system.

Specifications

All products we manufacture or distribute have written specifications available to customers via our catalogues and technical documentation. Our Technical Data Sheets (TDS) include the most relevant information on the product. Custom-made products according to customer specifications are also possible.

Batch Documentation

Each product batch produced under the Scharlab brand is provided with a Certificate of Analysis (CoA) containing the guaranteed specifications, the current batch results, expiry date and relevant information regarding storage conditions, if required.

Certificates and Documentation

Details concerning the origin of a product such as BSE, GMO, allergens, etc., may be available on request. However, such information is limited to those articles which are intended to be used in final products that have potential for exposure to humans or animals. Additional administrative fees may apply.

This documentation is not available for expired batches and superseded or withdrawn products.

Expiry dates

All our products have an expiry date printed on the labels and Certificates of Analysis based on experimental or historical data.

Such dates indicate until when the product should fulfil its specifications when stored and used in accordance with the recommended conditions. We do not recommend using the product after this date.

As a general rule, the product should meet the specifications, once opened, as long as the recommended storage conditions are maintained. The CoA provided with the product includes details regarding any specific storage conditions that are recommended (refer to: 'Storage and Use'). In some cases, specific statements are issued for unstable products.

No retest dates are applied to our products.

THE COMPANY

QUALITY AND THE ENVIRONMENT

Audits

Audits of our premises are permitted with prior notification.

Scharlab reserves the right to postpone, cancel or modify a scheduled audit.

Customer Complaints

Scharlab handles customer complaints according to written procedures in the management system.

All customer complaints are checked and an official response is issued, including, when appropriate, the corrective actions implemented.

An internal blog has been put in place on our Intranet, which allows everybody in the company to follow up the status of each complaint.

Change Control

We consider any critical changes with regard to products, facilities and services that may affect pharmaceutical customers.

For that reason, Scharlab is in a position to notify significant changes of selected products if a Quality Agreement that indicates so, has been signed. This may be subject to an annual minimum consumption of each product.



Environmental Impact

Preservation of the environment is one of the company's main concerns. Scharlab works on continuous improvement to ensure that natural resources and raw materials are used efficiently. Our new facilities in the chemical unit, located in a rural area, have been designed to reduce the impact on the surrounding countryside.

Environmental Products and Services

We continue to work towards cleaner and safer products and we consider the preservation of the environment in all future projects. Thus, we are continuously searching for cleaner, safer ways to manufacture and package products and to include services in our portfolio. Learn more about what we do for the environment by referring to details regarding our Returnable Drums Service and Packaging.





Scharlab at your fingertips

Our website offers innovative solutions regarding to the information you are looking for, and puts powerful laboratory tools at your disposal.

Corporate Website

Products

Efficient product search

The search engine has been optimised enabling you to find all our products more easily and intuitively.

- Quick product search
- Products classified by application
- Products classified by industry

Comprehensive information

We include detailed information about:

- Product families
- Product grades/qualities
- Laboratory techniques
- Products used in production processes

Services

Because a high-quality product requires a high-quality service, our challenge is to make your life easier.

Custom-Made Products

To address the challenges facing professionals in laboratories, we offer a wide range of solutions developed by our R&D department and certified by our laboratory.

Returnable Drum Service

A simple system for the management of solvents, providing drums for exclusive use by an individual customer.

Media Room

Keep up-to-date with relevant information for your daily activities and the upcoming events which we will be hosting.

Labtools

Discover our tools for chemistry, which will support you in your daily laboratory activities.

- 3D Structures
- Abbreviations
- Apps
- Blends calculator
- GHS pictograms
- Interactive periodic table
- Molar mass calculator
- Molarity, normality
- Pathogen Guide
- pH indicator selector
- Solvents miscibility chart
- Synonyms
- Unit converter

Support

Download all the documents you need:

- Certificates of Analysis
- Technical Data Sheets
- Safety Data Sheets
- ISO Certificates
- Catalogues
- Leaflets
- Other promotional material
- Video tutorials & podcasts
- FAQs regarding every product line

CULTURE MEDIA

INTRODUCTION

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DEHYDRATED AND PREPARED CULTURE MEDIA

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INGREDIENTS AND CHEMICAL PRODUCTS FOR MICROBIOLOGY

SELECTIVE SUPPLEMENTS

MISTRACON® - BACTERIAL STRAINS

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PRODUCT DOCUMENTATION

Introduction

Scharlab offers dehydrated and prepared culture media. Additionally, our range includes additives, supplements, reagents, and dyes for biochemical confirmation tests.

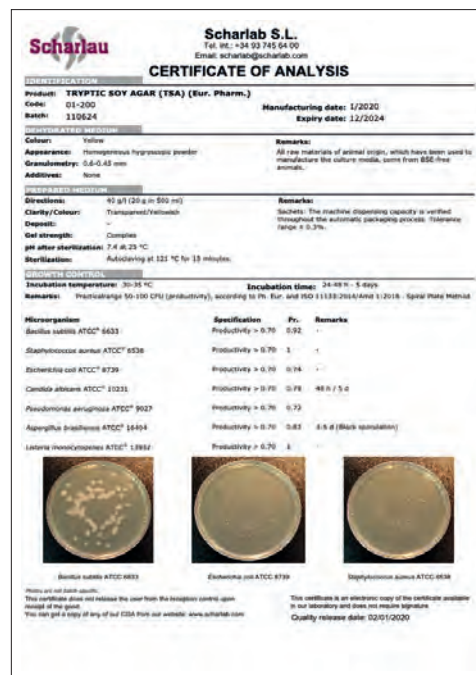
The quality of our media

Our range includes more than 400 culture media. They are manufactured following our quality system, according to ISO 9001: 2015 and ISO 13485. Furthermore, our media comply with validated methods, international standards and microbiological guidelines (ISO, FDA, Pharmacopoeias, etc.). All this means that they can be used for a wide range of applications for both the clinical and industrial sectors (pharmaceutical, cosmetics, food, water and environmental analysis, service provider laboratories, etc.).



Certificates of Analysis

Certificates of Analysis (CoA) are available for the different batches manufactured in PDF on our web www.scharlab.com. They include both physical-chemical parameters and fertility tests according to the different standards, in particular ISO 11133: 2018, regarding the criteria to be followed in the performance tests for culture media.



Product specifications and Safety Data Sheets

Product specifications and Safety Data Sheets are available in PDF on our website, www.scharlab.com. They are revised and updated as soon as there are any changes in relation to the products (formulation, preparation, standards, control, preservation, format, etc.).

Documentation

BSE free certificate

Scharlab S.L. hereby states that among the raw materials used in its preparation, the bovine constituents belong to the category IB, according to "Note for Guidance EMEA/410/01 Rev. 3".

The bovine tissue are sourced from New-Zealand, and comes from herds declared free from Bovine Spongiform Encephalopathy and Foot-and-Mouth disease after examination by the Veterinary Authorities.

The product does not contain and is not derived from specified risk material as defined in the European Commission Decision 97/534/EC.

The manufacturing process includes boiling at 100°C for a minimum of 5 minutes and instantaneous heating at 150°C minimum on spray drying.



The image shows a sample of a Scharlab Certificate of Analysis (COA) for BSE-free status. The document is titled "Scharlab S.L. CERTIFICATE OF ANALYSIS" and includes the following information:

- Product:** MEAT EXTRACT
- Date:** 15/03/2022
- Production date:** 07/03/22
- Expiration date:** 07/03/22
- Batch no.:** 1000001
- Lot. No.:** 1000001

The certificate also includes a section for "TO WHOM IT MAY CONCERN" and a signature of Walter Armada, Quality Director at Scharlab S.L. The document is dated 24/03/2022.



To see an example of the document, consult the attached QR code.

Documentation

Irradiation certificate

Products used in environmental and surface control analysis in sterile wards, such as the production facilities of pharmaceutical industries, are required to be 100% free from particles or any contaminant that could cross-contaminate the zone under test.

For these special situations we offer gamma-irradiated plates with double or triple packaging in order to facilitate transport of the plates from non-sterile to the sterile zone and eliminating the risk of contamination.

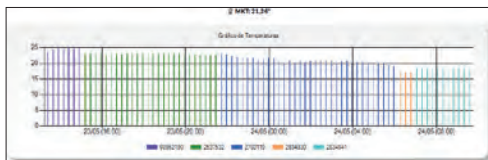
For the Media Fill Test (MFT) as used in pharmaceutical and beverage companies, dehydrated and irradiated TSB (Tryptic Soy Broth) is also required, in order to reproduce the production process as realised in the manufacture of actual products.

The product includes an indicative irradiation label that turns from yellow to orange, following the successful completion of the process.

NOTE: If necessary, the irradiation certificate can be requested.

Descripción tracking		Fecha/hora	
EN TRÁMITE		23/05/2018 21:36:05	
LEGENDA EDUCACION DE BOTTING		24/05/2018 09:59:58	
EXPEDICION EN REMITO		24/05/2018 09:50:02	
EXPEDICION EN REMITO		23/05/2018 12:43:08	
EXPEDICION ENTREGADA		23/05/2018 11:49:59	
CONFIRMA ESCANEADO		23/05/2018 21:51:07	

Resumen por Sonda						
Sonda	Creado	Estado	Min. °C	Max. °C	Fecha inicio	Fecha fin
4891240	RECIBIDA	LECTURA FISUAL	23.81	24.81	23/05/2018 13:20:00	23/05/2018 13:20:00
2037232	RECIBIDA EN PLAZA DE OBRAS AMBIENTE OBRERAS		23.83	23.79	23/05/2018 15:15:00	23/05/2018 14:15:00
2037932	LECTURA REAL	CERTE DE SALIDAS	23.81	23.79	23/05/2018 18:30:00	23/05/2018 17:30:00
2160112	SERIE 18 MUESTRAS	ACTUALIZACION DE LEGENDA	18.09	22.97	23/05/2018 21:44:00	24/05/2018 19:49:00
2039980	RECIBIDA EN PLAZA DE OBRAS	ENTRADA EN BOTTING	18.09	20.05	23/05/2018 18:00:00	24/05/2018 16:49:00
2039844	ENTRADA ESTACIONADO	ASIGNACION REMITO	18.14	18.32	24/05/2018 00:00:00	14/05/2018 19:49:00



To see an example of the document, consult the attached QR code.

Transport tracking document

Our products are specially prepared to enable carriage by different transport methods.

Due to the special packaging used, which ensures the integrity of the product during transport (even when the transport occurs at extreme temperatures over a limited time), such storage requirements do not mean that the product necessarily be transported at the indicated temperature.

Our prepared culture media plates have been subjected to room temperature conditions (including thermal shocks between 14°C to 37°C) for 120 hours, thus verifying that the products conform in regard to appearance, pH and the ability to promote growth until the expiry date, as indicated on the package.

Scharlab S.L. controls, however, the temperature of some road transport modes to test conformity with the recommended transport conditions, which should be under 25°C. This control is performed by temperature probes in the trucks and the measurements are downloaded at our premises and analysed tracking by tracking.

Bruker Daltonik MALDI Biotyper Classification Results

Meaning of Score Values

Range	Interpretation	Symbol	Color
2.00 - 3.00	High confidence identification	(+++)	green
1.70 - 1.99	Low confidence identification	(+)	yellow
0.90 - 1.69	Low confidence identification	(-)	red

Meaning of Consistency Categories (A - C)

Category	Interpretation
(A)	High consistency: The best match is a high-confidence identification. The second-best match is (1) a high-confidence identification or which the species is identical to the best match, or (2) a non-identification.
(B)	Low consistency: The requirement for high consistency is not met. The best match is a high- or low-confidence identification. The second-best match is (1) a high- or low-confidence identification in which the genus is identical to the best match, or (2) a non-identification.
(C)	No consistency: The requirements for high or low consistency are not met.

Sample Name: Staphylococcus aureus subsp. aureus
 Sample Description: 0488
 Sample ID: 488-001
 Sample Creation Date/Time: 2017-08-15 12:44:48.423 K916Z
 Applied MSP Library(s): SDBL, Mycobacteria Library (read method), Fluorescence Pong Library (0, Lists)

Sample Name	Sample ID	Organism (best match)	Score Value
488-001 (A)	488-001	Staphylococcus aureus	2.41

Comments:
 N/A



To see an example of the document, consult the attached QR code.



Documentation - Other documents

Declaration of authorized use of dehydrated culture media in the field of public health and IVD products.

Scharlab, S.L. declares that the products included in the list of the attached document (see QR code below) belong to the variety of dehydrated culture media for microbiological tests, which can be carried out, among others, in food laboratories, pharmaceutical laboratories, cosmetics, public veterinary services and fraud detection, which operate in the field of public health and which can be freely available for these applications.

CE marked products

Scharlab, S.L. declares that the products listed in the attached document are CE marked and in compliance with CE marking requirements as applicable to each batch defined in the specifications.






STATEMENT

Sentimentat (Spain), 04/JUN/2020

Scharlab, S.L. declares that the following products are CE marked and in compliance with CE marking requirements as applicable to each batch defined in the specifications.

Type	Products
Culture media	01-001 CLED Agar 01-004 Blood Agar Base (Columbia) 01-118 MuellerHinton Agar 01-118 Agar MacConkey 01-126 Mueller Hinton Agar 01-182 Blood Agar Base 01-505 Blood Agar Base #2 01-555 Agar 55 (Salmonella Shigella Agar) 02-186 Thymolactate Broth 02-208 Selenite Broth 02-509 Brain Heart Infusion Broth 02-602 Selenite Fucose Broth Base 03-454 Stuart Binger
Transport media	004-14330 Virus Transport Medium (CE-IVD)
Reference strains	500001-MSC: <i>Acetivibrio butzneri</i> ATCC® 34404™ / WDCM 00013 500002-MSC: <i>Pseudomonas aeruginosa</i> ATCC® 9027™ / WDCM 00026 500003-MSC: <i>Staphylococcus aureus</i> subsp. <i>aureus</i> ATCC® 6538™ / WDCM 00032 500004-MSC: <i>Escherichia coli</i> ATCC® 8739™ / WDCM 00012 500005-MSC: <i>Candida albicans</i> ATCC® 10211™ / WDCM 00014 500006-MSC: <i>Bacillus subtilis</i> subsp. <i>spizizenii</i> ATCC® 6613™ / WDCM 00003 500007-MSC: <i>Clostridium perfringens</i> ATCC® 31249™ / WDCM 00007 500008-MSC: <i>Enterococcus faecalis</i> ATCC® 9212™ / WDCM 00017 500009-MSC: <i>Escherichia coli</i> ATCC® 25922™ / WDCM 00011 500010-MSC: <i>Salmonella enterica</i> sensu lato <i>Typhimurium</i> ATCC® 14028™ / WDCM 00031 500011-MSC: <i>Clostridium sporogenes</i> ATCC® 34041™ / WDCM 00008 500012-MSC: <i>Burkholderia cepacia</i> ATCC® 25410™ 500013-MSC: <i>Staphylococcus epidermidis</i> ATCC® 12228™ / WDCM 00036 500014-MSC: <i>Bacillus cereus</i> ATCC® 11798™ / WDCM 00001 500015-MSC: <i>Enterobacter aerogenes</i> ATCC® 13687™ / WDCM 00175 500016-MSC: <i>Legionella</i> sp. subsp. <i> pneumophila</i> ATCC® 33152™ / WDCM 00107 500018-MSC: <i>Campylobacter jejuni</i> subsp. <i>jejuni</i> ATCC® 33291™ / WDCM 00005 500019-MSC: <i>Listeria innocua</i> ATCC® 33996™ / WDCM 00017 500020-MSC: <i>Listeria monocytogenes</i> ATCC® 19223™ / WDCM 00021 500021-MSC: <i>Proteus mirabilis</i> ATCC® 29906™ / WDCM 00023 500022-MSC: <i>Saccharomyces cerevisiae</i> ATCC® 9790™ / WDCM 00058 500023-MSC: <i>Citrobacter freundii</i> ATCC® 43646™ / WDCM 00006 500024-MSC: <i>Salmonella abortus</i> ATCC® 6011™ 500025-MSC: <i>Listobacillus endophthalmitidis</i> ATCC® 43561™ / WDCM 00098 500026-MSC: <i>Legionella arisa</i> ATCC® 35292™ / WDCM 00106 500027-MSC: <i>Legionella</i> subsp. <i>sp.</i> ATCC® 15221™ / WDCM 00015


 Marian Guardia
 Person Responsible for Regulatory Compliance


 Walter Armada
 Quality Director

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Page 1 of 1



To see an example of the document, consult the attached QR code.

Accreditation according to ISO 17025

Scharlab is proud to announce accreditation of the laboratory that carries out the performance tests of our Scharlau ready-to-use solid culture media, according to ISO 17025 (Testing laboratory, accredited by ENAC with accreditation N° 1392/LE2585).



The analysis is carried out through productivity, selectivity and specificity tests of the culture media according to internal methods based on ISO 11133: 2014 / Amd 1: 2018 / Amd 2: 2020, annexes C-2, E, F and K.

ISO 17025 is oriented towards testing and/or calibration laboratories, so that they can guarantee their confidence and technical capacity to carry out tests for external as well as internal clients.

ISO 17025 standard contains the requirements that testing and calibration laboratories have to meet to demonstrate the following:

- To have a management system
- To be technically competent
- To be able to generate technically valid results

ISO 17025 can be used to accredit laboratories, which guarantees for both user and consumer, that the quality and technical competence of their tests are evaluated by competent, qualified and internationally recognised external bodies.

In Spain, accreditation of laboratories is performed by ENAC (National Accreditation Body; in Spanish: Entidad Nacional de Acreditación).

Scharlab is proud to announce accreditation of the laboratory that carries out the performance tests of our Scharlau ready-to-use solid culture media, according to ISO 17025 (Testing laboratory, accredited by ENAC with accreditation N° 1392/LE2585).

FOOD MICROBIOLOGY NEW BROCHURE

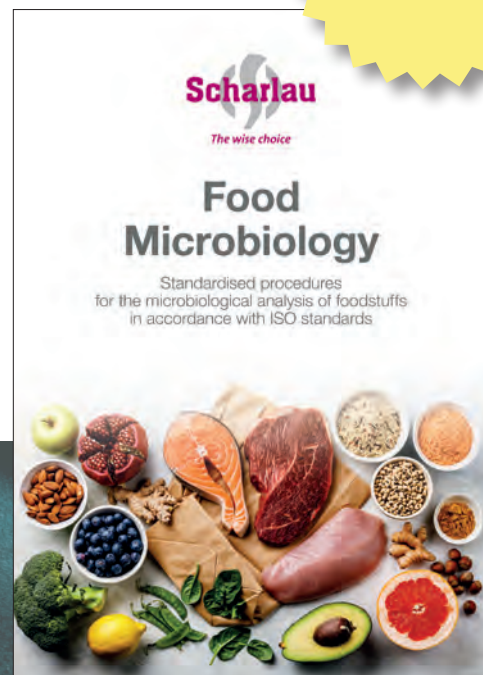
Food Microbiology

At Scharlab, we are aware of the technical complexity involved in applying regulations to standardised procedures for microbiological examinations for food products according to ISO standards.

For this reason, we have published a technical document entitled "Food Microbiology: Standardised Procedures for Microbiological Examinations of Food Products According to ISO Standards" to provide comprehensive technical support to the food industry.

In the technical document, you will find the ISO standards referenced in Regulation (CE) No. 1441/2007 summarised and outlined in a clear, understandable way. Equally, all the necessary culture media are indicated to apply the standard and its Scharlau product reference, to ease product ordering.

New
brochure



PACKAGING ADVANTAGES

Dehydrated culture media

Dehydrated culture media in 500 g flask

Control of the manufacturing process and the selection of high-quality ingredients, from validated suppliers, guaranteed batch to batch traceability and reproducibility of the final product.

We offer our dehydrated culture media in different formats adapted to our customers' requirements: pre-weighed envelopes to prepare 500 ml, flasks of 500 g and drums of 5 kg and 25 kg of medium.

Please contact us if you cannot find the culture medium you need in this catalogue. We can manufacture customized media according to the formulations proposed by our customers.

Expiry from the date of manufacture: the useful shelf life of dehydrated media is 4 years from the date of manufacture. As an exception and due to their formulation, some media may have a shorter shelf life. On the other hand, stability studies have allowed us to increase shelf life up to 5 years for some media. This information is available on the product sheets that can be downloaded from our website.

Dehydrated media in 500 g: our Pac-o-Vac® packaging

Our 500 g flasks are vacuum-packed in an additional external bag made of clear plastic called Pac-o-Vac®. This airtight packaging provides great protection against moisture, dust particles and microorganisms. It ensures optimal storage conditions and protects the product from alterations in its physical and organoleptic properties, even in unfavourable climate conditions.



PAC-o-VAC

External vacuum bag that offers protection against moisture and dust particles.

New 500 g DCM flask

High-quality cap

PP screw cap with PE inner liner, ensuring a perfect closure with the bottle and an inert contact with the content.

Wider opening for easier introduction of spoons.

More ergonomic

Oval shape for a more comfortable grip.

High-density, high-quality polyethylene

With greater resistance and durability, guaranteeing the highest quality and safety for the product.

New label with readable and more accessible information.

Wide and secure base to prevent tipping.



QR Code

By using the Scharlab Reader App you get direct access to the TDS, SDS and CoA of the product.

Smaller width

Freeing up shelf space to store more products.

More information about the Scharlab Reader App here:



5 and 25 kg bulks available.



PACKAGING ADVANTAGES

Dehydrated culture media

Dehydrated media in pre-weighed sachets

Dehydrated media in sachets are an ideal solution for media used in smaller quantities and for very expensive media. Media may not be consumed before the expiry date or get spoiled due to moisture.

An innovative solution with many advantages. Each sachet contains the amount required to prepare 500 ml of medium. No weighing is necessary, just open the envelope, add the content to 500 ml of water and sterilize. Valuable time used to weigh the powder can be saved as well as any errors associated to this process. The presentation is 5 envelopes per pack, so that with each pack, you can prepare 2.5 litres of medium. Great stability, as the envelopes keep their properties intact until they are opened. The standard expiry is 4 years; ideal for media that are used infrequently. They take up little space and generate little waste.



Aluminium sealed bag, containing pre-weighed culture media which prevents from product spoilage media with low consumption or with hygroscopic characteristics.



Label contains comprehensive information, specifications and hazards, batch number and expiry date.



Opening slot facilitates product manipulation.



Additives

The additives, substances or mixtures that have to be added to complete the formula of the medium, come in a format of opaque bottles of 100 ml. Short expiration dates.



Supplements

Freeze-dried supplements in the precise amounts to be added to the culture medium. We can also supply the sterile diluent in a separate container.

Presented in boxes of 10, the vials are very easy and safe to handle, thanks to their plastic screw cap. If desired, the rubber septum allows the sterile diluent to be added by injection, using a syringe.

Expiry from date of manufacture: depending on the product, the shelf life of supplements is between 3 and 4 years, if the storage conditions are maintained (usually 2°C-25°C, in darkness).

Supplement in **freeze-dried** form that dissolves easily and quickly.

Label contains **comprehensive information**, product name, batch number and shelf life.

Plastic screw cap.
For easy, safe handling.

Glassware vials that offer great stability for the product inside with a shelf life of 3-4 years.



PACKAGING ADVANTAGES

Prepared culture media

90 mm Petri dishes

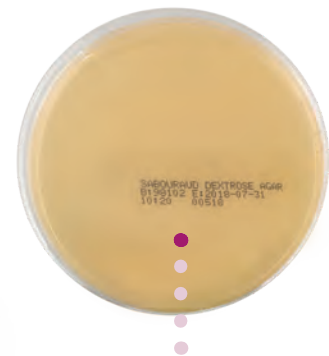
The standard presentation is 20 plates (2 x 10 bagged plates).

Some references are available irradiated and in double or triple bags.

Expiry from manufacturing date: 3 months (some media may have shorter expiry dates).

The expiry for irradiated dishes is 4 months.

Pile of 10 plates of 90 mm.
Each box contains 2 piles of 10 (20 plates).



Silkscreened plates, indicating the product name, batch and serial number and expiry date.

Semi-permeable cellophane bag that enables evaporation of possible water condensation that can be produced during transport due to temperature fluctuations.



Filtration plates

These plates are commonly used for the microbiological analysis of water or other liquids by membrane filtration technique. They are presented in a box that contains 5 packed plate piles (6 piles/unit x 5 plates/pile, 30 plates per sales unit).

Expiry from date of manufacture: 4 months.

Each box contains **6 packed groups of 5 plates each** (30 plates in total).



The group packed with film of 5 plates of filtration allows a **use adjusted to the need**.

- **Screen-printed plates**, which indicate the name of the product, the batch and serial number and the expiration date.
- **55 mm filtration plates** suitable for the incubation of membranes with 47 mm diameter.

PACKAGING ADVANTAGES

Prepared culture media

Contact plates

Plates for microbiological control of surfaces are presented in 2 types of format:

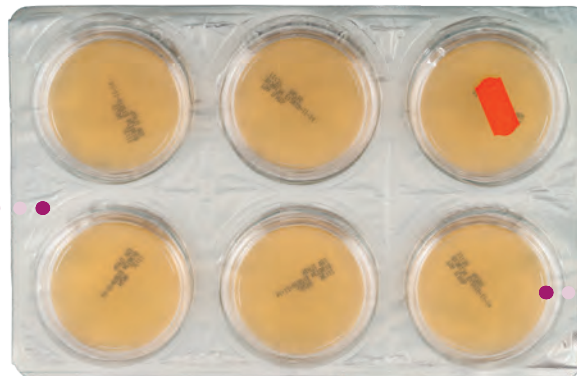
- Blister of 6 plates separated individually (5 blister x 6 plates = 30 plates in total).
- RD-pack (8 x 10 plates = 80 plates in total).
Double or triple optional packaging.

Contact plates are irradiated for almost all media.

Expiry from manufacturing date: 4-6 months depending on the culture medium.

Both formats, include an indicative label confirming that the irradiation process has been performed successfully. The label turns from yellow to red-range when the product has received correct irradiation dose.

Each box contains 5 blisters of 6 plates (30 plates).



Aluminium blister pack, with 6 compartmented contact plates, which prevent any possible cross contamination. Available in double packaging (one cellophane bag) or in triple packaging (two cellophane bags).



RD-pack enables the transport of plates from sampling place to the laboratory.

Cellophane bag available in double packaging (one bag) or in triple packaging (two bags).



RD-pack is a **PET transparent box** with two piles of 5 contact plates. RD-pack enables the sterilization by gamma-irradiation and offers resistance to hydrogen peroxide gases. Each box contains 8 RD-pack.

Agars in flasks

Bottles containing solid culture media. To be re-melted without loss of nutritional capacity. With plastic cap suitable for microwaves. Presentation in boxes of 10 bottles of either 100 or 200 ml. Please ask for other volumes.

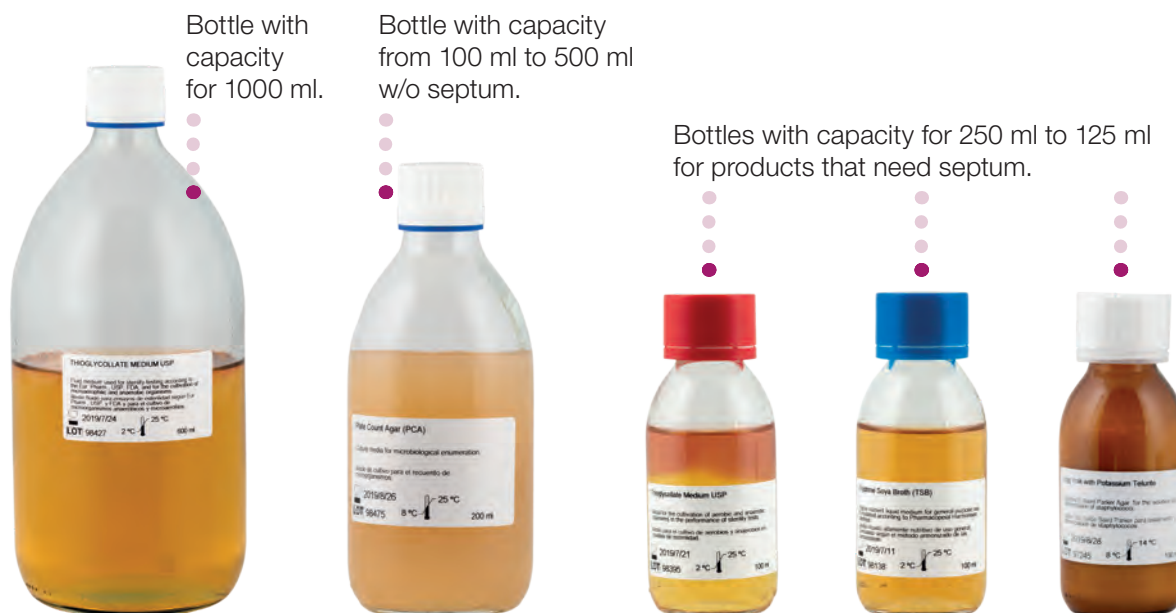
Expiry from manufacturing date: 12 months.

Broths in flasks

Liquid culture media ready for use, generally for pre-enrichment of samples. Standard presentation with tight-fitting metal lid. Additionally, those for sterility control have a plug with septum.

Available volumes of 90, 100, 200 and 225 ml in boxes of 10 bottles. Please ask for other volumes.

Expiry from manufacturing date: 12 months.

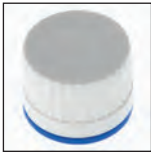


Glassware bottles that offer **great stability** to the product inside and provide a shelf life of 12 months. Culture media in liquid or solid agar presentation.

PACKAGING ADVANTAGES

Prepared culture media

Characteristics of the caps of agars and broths flasks



White screw cap without protection. According to references, it can be used with or without blue tamper evident ring*.



White screw cap with one injectable hole and a blue tamper evident ring.



White screw cap with injected liner made of TPE and two injectable holes.

Red outer protection. Red tamper evident ring.

Specific for Thioglycollate references.



White screw cap with injected liner made of TPE and two injectable holes.

Blue outer protection. Blue tamper evident ring.

Specific for Tryptic Soy Broth references.



White screw cap with injected liner made of TPE and two injectable holes.

Transparent outer protection. Transparent tamper evident ring.

*NOTE: This cap is being replaced by the white screw cap with one injectable hole and a blue tamper evident ring.

Bottles with a capacity of 125, 250 and 500 ml are delivered in boxes of 10 bottles.



Bottles with a capacity of 1000 ml are delivered in boxes of 6 bottles.

ESTERIPAPEL® packaging, specific for the pharmaceutical industry. 6 bottles of 125 ml capacity and 10 self-adhesive labels with the product name, batch number and expiry date.



The six bottles are fitted in a plastic box and the plastic box is packed in a paper bag.



Each box includes **10 self-adhesive labels** with the product name, batch number and expiry date.

Agars in tubes

Tubes containing solid culture media (15 ml) to be re-melted without loss of nutritional capacity. The content of one tube is enough to fill a 90 mm petri dish, ideal for bulk plantings. With metallic cap suitable for microwaves. Package of 20 tubes (depending on the medium, agar slant tubes are also available).

Expiry from manufacturing date: 12 months.

Broths in tubes

Tubes of liquid culture medium. Plug with special closure that guarantees sterility and stability of the medium. The filling system guarantees a minimum deviation in the volumes to obtain accurate and reproducible results, something very important when working with the Most Likely Number (NMP) technique. Available in 5, 10, 19 and 20 ml (box of 20 tubes).

Expiry from manufacturing date: 12 months.

Box with **20 tubes**.



Silkscreened tubes, indicating the product name, batch and serial number and expiry date.

Metallic cap suitable for the re-melt of the culture media in the microwave without the loss of nutrient properties.



Glassware tube that offers great stability to the product inside and allows a shelf life of 12 months.

Two size of tubes, 16 x 113 mm tube or 17 x 145 mm tube.

Culture media in **liquid, solid (agar) or semi-solid** presentation.

PACKAGING ADVANTAGES

Prepared culture media

Broths and diluents in bags (Flexibags)

Ideal presentation for microbiological food control laboratories with a large number of samples. Their most important advantages are:

- Ready for use product
- Economic
- Safe
- Generate less waste

Dosage: the dispensing of the desired volume in sterile homogenisation bags is by means of gravimetric diluents thanks to a peristaltic pump.

Connection: thanks to a reusable stainless steel connector, the diluter is aseptically connected to the bag through a septum.

There are 3 presentations: in 2 litres (one box with five bags), 3 litres (one box with 3 bags) and 5 litres one box with 2 bags).

Expiry from manufacturing date: 12 months.

Injectable rubber septum, with a cover, that connects to a gravimetric pump or dilutor to remove the inner broth or diluent.



Filling tube, which is sealed after production, ensures the air-tightness of the inner broths and diluents.



• A special hole that allows the end user to hang up the Flexibag in a gravimetric pump or dilutor.



• Ready-to-use sterile broths and diluents



Single box for 2-litres Flexibags (x5 u.) and 3 litres (x3 u.).

2 boxes for 5-litres Flexibags

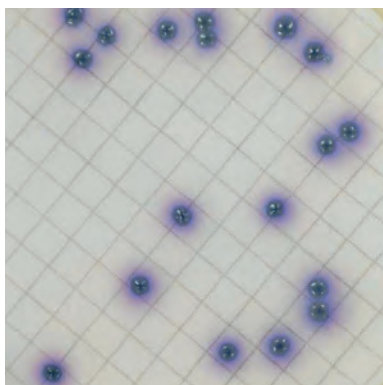


Dehydrated and prepared chromogenic culture media

Microinstant® and CHROMagar™ chromogenic media

Chromogenic medium are those that include chromogenic substrates in their formulation that take advantage of enzymatic reactions specific to bacteria for their differential identification by the colours of their colonies.

This group of products include 3 different brands: Microinstant®, prepared plates of Scharlau chromogenic mediums, CHROMagar™, dehydrated chromogenic medium from CHROMagar™ company.



Compact Dry® dehydrated chromogenic media

Dehydrated medium plates, which can be used as standard culture plates for counting microorganisms or in contact plates for surface control (with the help of a special swab). The differentiation of the colonies is done thanks to the presence of chromogenic substrates and redox indicators. 1 ml of the sample is deposited on the plate. The liquid diffuses homogeneously on the surface of the medium. Subsequently, incubate at the temperature specified in the instructions or according to the standard applied. Compact Dry® has a shelf life of 2 years from the date of manufacture and is stored at room temperature.



Conservation and storage of prepared media

The optimal storage temperature of prepared 90 mm plates is between 2-14°C, but in general they can be kept between 2-25°C while keeping the properties of the medium. The following precautions should always be taken:

- Between 2-8°C, avoid contact with surfaces that may freeze the product.
- Between 15-25°C, check that the plates do not dehydrate.

For other presentations of plates, tubes, flasks and bags, we recommend storage at room temperature without the need for refrigeration. Strict manufacturing processes and controls are implemented to ensure maximum quality and stability throughout the product's life cycle:

- Rigorous control of sterilization temperatures.
- Accuracy in the weighing and mixing of ingredients and media.
- Homogeneity between batches monitored.
- Control of microorganism recovery.
- Specially designed to keep optimal humidity conditions.
- Keep physical-chemical parameters: pH, colour, appearance, hydration, etc.

BACTERIAL STRAINS

MiStraCon® Microbiologic Strains for Control

MiStraCon® strains

This catalogue includes the Scharlab MiStraCon® product line of bacterial strains from the American Type Culture Collection (ATCC®) and includes the strains commonly used in the laboratory, in the food industry, pharmaceutical industry, water quality control and clinical settings.

Scharlab is authorized by the ATCC® to produce reference **ATCC Licensed Derivative**® cultures (Reference Stock Culture) of primary cultures ATCC® (Reference Culture) and is attached to the program (ATCC® Licensed Derivative® Program). The ATCC Licensed Derivative mark states that Scharlab S.L. is licensed to use these trademarks and to sell products deriving from ATCC® cultures.

All MiStraCon® products are supplied with detailed instructions for use and have an analysis certificate that guarantees their authenticity, traceability and the number of subcultures made from the original reference culture.

These product lines consist of three product formats (see next page):



Documentation



License to import medical devices for in vitro diagnostics (IVD) and accessories




Explanatory document, transport conditions for MiStraCon® strains



MiStraCon® products related in the attached document are produced in an ISO 17034:2016 accredited certified material producer, and are included within the scope of the accreditation.



MiStraCon®Swabs2 format

Non quantified bacterial strains presented in a lyophilized pellet prepared to self-hydrate and to be used directly with a hyssop incorporated in the dispositive.

Format	Packaging	Content	CFU	Applications/Specifications
MiStraCon®Swabs2 	Each unit contains a lyophilized pellet, moisturizing fluid And inoculation swab, all sealed in an aluminized envelope	2 units of MiStraCon®Swabs2	Not quantified	<ul style="list-style-type: none"> - Culture purposes - Daily QC - QC of identification systems and assay kits - QC of antimicrobial susceptibility test - Verification and validation

MiStraCon®QuantyPellets and MiStraCon®QuantyE-Pellets® formats

Quantified bacterial strains presented in a lyophilized pellet ready to use or to prepare quantified dilutions.

Format	Packaging	Content	CFU	Applications/Specifications
MiStraCon®QuantyPellets 	1 box. Each box contains 5 vials of a single quantified microorganism and 5 vials of hydrating fluid	5 vials with 1 quantified pellet (1 pellet/vial) and 5 vials of hydrating fluid (1.2 ml)	<100 by 0.1 ml when processed according to directions	<ul style="list-style-type: none"> - Growth promotion testing - Media challenge testing - Suitability of counting methods - Suitability of sterility tests - Suitability of tests for specified microorganisms - Microbial limits testing - Microbial enumeration testing - Validation of neutralization methods - Methods requiring a low CFU concentration
MiStraCon®QuantyE-Pellets 	1 vial of lyophilized pellets in a plastic bag with hermetic seal	1 vial with 5 pellets	1.0E+03 – 1.0E+07 per pellet	<ul style="list-style-type: none"> - Detection and enumeration methods - Verification/Validation - Bioburden determination - Minimal lethal concentration - Disinfectant qualification - Water tests - Proficiency tests - Methods requiring a specific CFU range

PRODUCT LABEL

Classification and labeling of products

GHS: Global Harmonized System for classification and labelling of chemical products

Each country or economic Community has its own legislation and the same substance can be classified as harmful, non-hazardous or toxic in different countries. The GHS system was born in the UN as a proposal to facilitate global trade while protecting human health and the environment, unifying the different classification criteria for dangerous substances that coexist in the world.

CLP: Classification of labeling and packaging of substances and mixtures

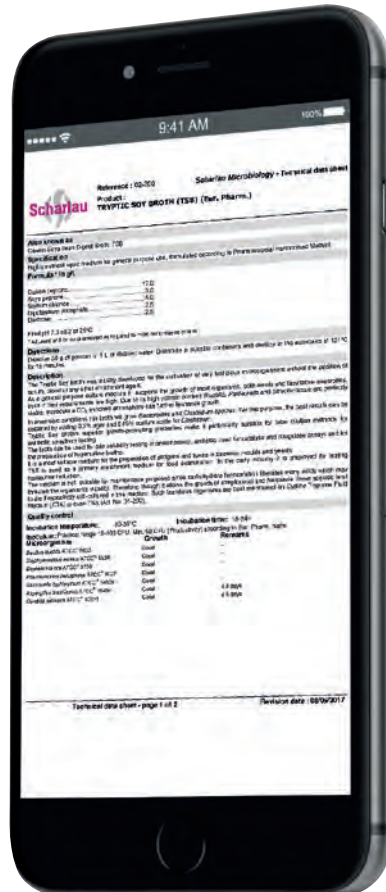
The European Union has adopted the GHS system through directive EC num. 1272/2008, called CLP, which came into force in the member states on January 20, 2009. This standard replaces the current classification and labelling system, defined by Directives 67/548 / EEC (DSD) and 1999/45 / EC (DPD) for substances and mixtures respectively. These two directives will be invalid as of June 1st, 2015.

The implementation of the CLP has two important dates: December 1st, 2010: Obligation to classify and label substances.

June 1st, 2015: Obligation to classify and label mixtures.



Scan the Scharlab microbiological product's QR barcode and instantly download all the documentation associated with the scanned products to your smartphone using our ScharlabQR App.



Understanding our label

As a result of the application of the CLP Directive, we have made changes to the information on our labels:

- **Pictograms.** The traditional danger symbols on an orange background are replaced by new pictograms on a white background surrounded by red frame.
- **The hazard statements (H)** replace the current risk phrases (R).
- **The precautionary statements (P)** replace the current safety phrases (S).
- **Word of warning.** The text that accompanied the pictograms, p. and “easily flammable” disappears. However, a word of caution according to the H and P statements indicate the severity of the potential hazard. This word can be “Danger” or “Warning”.



- | | |
|-------------------------------|--|
| 1 English Product name | 6 Expiry date |
| 2 Order number | 7 Storage temperature |
| 3 Composition | 8 QR code: access to TDS, CoA and MSDS |
| 4 Product name in 4 languages | 9 Preparation method in five languages |
| 5 Batch number | 10 Space for opening information |











NOTE: For toxic products, the toxicity pictograms appear at the bottom of the left side face.

SAFETY


















CLP COMPLIANCE & PRODUCT INFORMATION

CLP pictograms

NOTE: The CLP pictograms refer to dehydrated culture media, additives and supplements.

Physical hazards				
				
Explosives	Flammable liquids	Oxidizing liquids	Compressed gases	Corrosive to metals
Health hazards			Environmental hazards	
				
Acute toxicity	Skin corrosion	Skin irritation	CMR ¹⁾ , STOT ²⁾ Aspiration hazard	Hazardous to the aquatic environment
<small>¹⁾ carcinogenic, mutagenic, toxic to reproduction / ²⁾ specific target organ toxicity</small>				

Symbols

Illustrative symbols for the different culture media packaging formats	
 5 sachets of dehydrated culture medium (to make up 500 ml of prepared medium each)	 20 tubes of 10 ml / 9 ml (broth) 20 tubes of 15 ml / 10 ml (agar)
 500 g	 20 agar slant tubes
 20 plates of 90 mm	 2 L / 3 L / 5 L bag
 20 plates of 90 mm, irradiated	 Supplement LYO1 (10 vials)
 30 contact plates 24 contact plates (triple packaging)	 5 kg / 25 kg drum
 30 filtration plates (6x5) film packed	 Glass bottle
 30 filtration plates of 55 mm (RD-pack) 80 contact plates (RD-pack)	 Plastic ampoule
 10 flasks of 100 ml / 200 ml / 225 ml (broth) 1 flask of 100 ml and 1 litre (additive)	 HDPE screw-capped bottle and dropper
 10 flasks of 100 ml / 200 ml flasks (agar)	

NOTE: For dehydrated media presented in 500 g packs (□), we can offer other formats, including 5 and 25 kg packs. For more information write to: helpdesk@scharlab.com.

Meaning of reference numbers

Information coded in the reference number on the format of the product			
064-PA	90 mm plates	064PRB	80 contact plates
064-PF	Filtration plates	064-BA	Flasks
064-PR	30 contact plates	064-TA	Tubes
064-BA01-2/02/03	Flexibags	064-LYO1	Lyophilized supplements

Abbreviations

Abbreviation	Document	Institution / Organization
APHA		American Public Health Association (Washington Dc, USA)
AOAC	Official Methods of Analysis Of Aoac International	Association of Official Analytical Chemists
ASM		American Society for Microbiology (Washington dc, USA)
ASTM		American Society for Testing Materials
ATCC		American Type Culture Collection
AWWA		American Water Works Association (Washington DC, USA)
BAM	Bacteriological Analytical Manual	Food and Drug Administration (Washington Dc, Usa)
BP	British Pharmacopoeia	British Pharmacopoeia Commission, The Stationery Office (London)
CEN		Centre Europeen pour la Normalisation (Brussels)
CLSI		Clinical Laboratory Standards Institute (Vilanova, Pa, Usa)
CMPH	Clinical Microbiology Procedures Handbook	American Society for Microbiology (Asm)
COMPF	Compendium of Methods for the microbiological examination of foods	Apha
DIN		Deutsche Institut für Normung (Berlin)
EDQM		European Directorate for the Quality of Medicines
EN	European Norme	Centre Europeen pour la Normalisation (Brussels)
EP	European Pharmacopoeia 5th Ed.	Edqm (Strasbourg)
FDA		Food and Drug Administration (Washington Dc, Usa)
FIL		Federation International Laitière (Brussels)
IDF		International Dairy Federation (Brussels)
IFU	Ifu Microbiological Methods	International Federation of Fruit Juice Producers (Switzerland)
HP	Harmonised Pharmacopoeias (European, American and Japanese) European Pharmacopoeia 7th Ed.	Edqm (Strasbourg)
ISO		International Standardization Organization (Geneva, Switzerland)
NCLSS		National Committee for Clinical Laboratory Standards (Vilanova, Pa, Usa)
NMKL		Nordisk Methodenkommittee Fur Lebensmittel
SL	Schweizerisches Lebensmittelbuch (Swiss Food Manual)	Bundesamt für Gesundheit, Direktionsbereich Verbraucherschutz (Bern)
SMD	Standard Methods for the Examination of Dairy Products	Apha, (Washington Dc, Usa)
SMWW	Standard Methods for the Examination of Water and Wastewater	Apha, Awwa, Wpc
USP	United States Pharmacopoeia - National Formulary USP 28	Usp Convention Ltd. (Rockville Md, Usa)
WEF		Water Environment Federation (Washington Dc, Usa)

DEHYDRATED AND PREPARED CULTURE MEDIA

A1 BROTH

02-651
AOAC / APHA

Liquid medium for detecting faecal coliforms in water samples.

FOOD & BEVERAGES
WATER
CLINICAL
PHARMA
COSMETICS
ENVIRONMENTAL
MOLECULAR

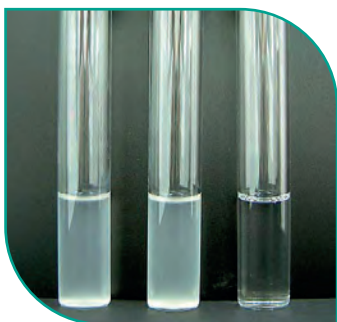
PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
500 g*		02-651-500	●

ACETAMIDE MEDIUM

03-428
DIN / EN / ISO

Liquid test medium use for the confirmation of *Pseudomonas aeruginosa* in water according to the ISO 16266 standard and UNE-EN ISO 12780.

FOOD & BEVERAGES
WATER
CLINICAL
PHARMA
COSMETICS
ENVIRONMENTAL
MOLECULAR



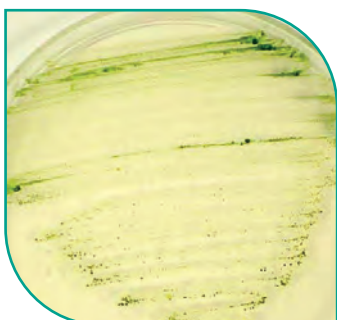
PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
500 g*		03-428-500	●
5x500 ml		03-428BA05	●

ALGAE AGAR

01-007
SMWW

Solid culture medium for the isolation and cultivation of algae from soil, water and waste water.

FOOD & BEVERAGES
WATER
CLINICAL
PHARMA
COSMETICS
ENVIRONMENTAL
MOLECULAR



PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
500 g*		01-007-500	●

ALGAE BROTH

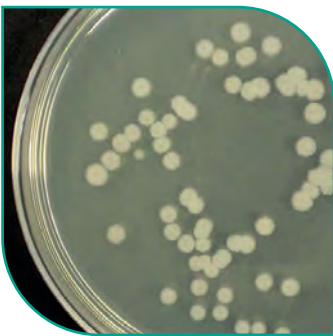
02-007
SMWW

Nutritive solution for algae and cyanobacteria, appropriate for water algicide biotesting.

FOOD & BEVERAGES
WATER
CLINICAL
PHARMA
COSMETICS
ENVIRONMENTAL
MOLECULAR

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
500 g*	☐	02-007-500	●

**ANTIBIOTIC MEDIUM A
pH 6, 6 (EUR. PHARM.)**



- SEED AGAR
- MEDIUM A
- PENASSAY SEED AGAR
- PENICILLIN ASSAY SPEED AGAR
- MEDIUM 1
- AM1
- ANTIBIOTIC MEDIUM 1

01-009
EP / HP / USP

Antibiotic Medium A at pH 6, 6 is used in microbiological antibiotic assays using agar diffusion technique according to European pharmacopeia 9.0.

FOOD & BEVERAGES
WATER
CLINICAL
PHARMA
COSMETICS
ENVIRONMENTAL
MOLECULAR

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
500 g*	☐	01-009-500	●
5x500 ml	☐	01-009BA05	●
20 plates of 90 mm Ø	☉	064-PA0108	●

**ANTIBIOTIC MEDIUM A
pH 7.9 (EUR. PHARM.)**



- NEOMYCIN ASSAY AGAR
- ERYTHROMYCIN ASSAY AGAR
- MEDIUM C
- MEDIUM 11
- MEDIUM J
- AM11
- ANTIBIOTIC MEDIUM 11

01-017
EP / HP / USP

Antibiotic Medium A at pH 7, 9 is used in microbiological antibiotic assays using agar diffusion technique according to the methodology recommended in the pharmacopeia.

FOOD & BEVERAGES
WATER
CLINICAL
PHARMA
COSMETICS
ENVIRONMENTAL
MOLECULAR

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR
500 g*	☐		01-017-500	●
5x500 ml	☐		01-017BA05	●
10 flasks with 200 ml	☐	Metallic-non injectable cap	064-BA2136	●

**ANTIBIOTIC MEDIUM B
(EUR. PHARM.)**



- ANTIBIOTIC MEDIUM 10
- MEDIUM 10

01-016
EP / HP / ISO / USP

Antibiotic Medium B is used in the microbiological assays of Colistimethate and Polymyxin by the Agar Diffusion method according to the methodology pharmacopeias.

FOOD & BEVERAGES
WATER
CLINICAL
PHARMA
COSMETICS
ENVIRONMENTAL
MOLECULAR

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
500 g*	☐	01-016-500	●

i *For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

ANTIBIOTIC MEDIUM C (EUR. PHARM.)

➤ ANTIBIOTIC MEDIUM 3 (USP)

➤ ANTIBIOTIC ASSAY BROTH

➤ MEDIUM C

02-011
EP / HP / USP

Antibiotic Medium C may be used in the preparation of inoculum, serial dilutions or turbidimetric antibiotic assays.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
500 g*	☐	02-011-500	●

FOOD & BEVERAGES
WATER
CLINICAL
PHARMA
COSMETICS
ENVIRONMENTAL
MOLECULAR

ANTIBIOTIC MEDIUM E (EUR. PHARM.)

01-430
EP / HP / USP / ISO

Antibiotic Medium E is used in the microbiological assays of Framycetin and Neomycin using the Agar Diffusion method according to the pharmacopeia.



PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
500 g*	☐	01-430-500	●

FOOD & BEVERAGES
WATER
CLINICAL
PHARMA
COSMETICS
ENVIRONMENTAL
MOLECULAR

ANTIBIOTIC MEDIUM F (EUR. PHARM.)

➤ ANTIBIOTIC MEDIUM 19
➤ MEDIUM 19

01-434
EP / HP / ISO / USP

Antibiotic Medium F is used in the titration of antifungal antibiotics by the agar diffusion method according to the pharmacopeia.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
500 g*	☐	01-434-500	●

FOOD & BEVERAGES
WATER
CLINICAL
PHARMA
COSMETICS
ENVIRONMENTAL
MOLECULAR

ANTIBIOTIC MEDIUM NO. 3

064-TA8313
USP

General purpose liquid medium for the direct inoculation of samples from the fermentation tanks.



ANTIBIOTIC MEDIUM NO. 3 WITHOUT PHENOL RED

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR
100 tubes with 10 ml	☐	Threaded needle tube	064-TA8313	●

FOOD & BEVERAGES
WATER
CLINICAL
PHARMA
COSMETICS
ENVIRONMENTAL
MOLECULAR

ANTIBIOTIC MEDIUM NO. 3 WITH PHENOL RED

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR
20 tubes with 9 ml	☐	Threaded needle tube	064-TA8317	●
100 tubes with 10 ml	☐	Threaded needle tube	064-TA8314	●

FOOD & BEVERAGES
WATER
CLINICAL
PHARMA
COSMETICS
ENVIRONMENTAL
MOLECULAR

ANTIBIOTIC MEDIUM NO. 8



01-014
USP

Solid medium for the antibiotic assay by the agar diffusion method.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
500 g*	☐	01-014-500	● FOOD & BEVERAGES ● WATER ● CLINICAL ● PHARMA ● COSMETICS ● ENVIRONMENTAL ● MOLECULAR

APT AGAR



➤ ALL PURPOSE POLYSORBATE AGAR

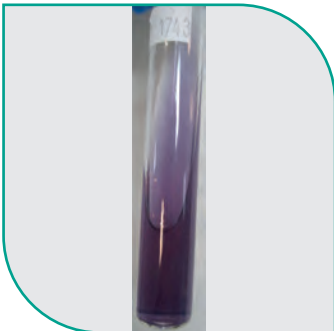
➤ ALL PURPOSE TWEEN® AGAR

01-026
COMPF

Solid medium for general purpose use, especially designed for the cultivation of the heterofermentative lactic acid bacteria that cause greening of meat.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
500 g*	☐	01-026-500	● FOOD & BEVERAGES ● WATER ● CLINICAL ● PHARMA ● COSMETICS ● ENVIRONMENTAL ● MOLECULAR

ARGININE GLUCOSE AGAR



➤ AGS

01-743
ISO

Diferential solid medium used for the presuntive identification of *Vibrio spp* according to ISO standards 21872-1 and 21872-2.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
500 g*	☐	01-743-500	● FOOD & BEVERAGES ● WATER ● CLINICAL ● PHARMA ● COSMETICS ● ENVIRONMENTAL ● MOLECULAR

ASPARAGINE BROTH



02-271

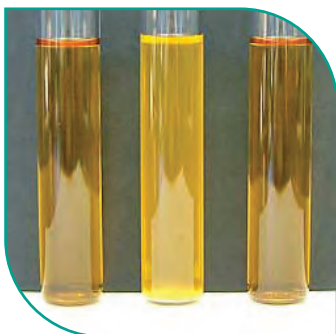
Liquid medium for assay and enumeration of presumptive *Pseudomonas aeruginosa* in bottled water by MPN Method.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
500 g*	☐	02-271-500	● WATER ● CLINICAL ● PHARMA ● COSMETICS ● ENVIRONMENTAL ● MOLECULAR
5x500 ml	☐	02-271BA05	● WATER ● CLINICAL ● PHARMA ● COSMETICS ● ENVIRONMENTAL ● MOLECULAR



*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

AZIDE DEXTROSE BROTH (ROTHER)

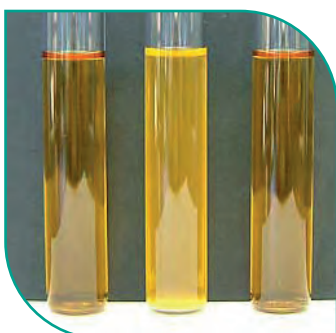


02-027
COMPF

Medium for the detection and enumeration of enterococci in water.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		02-027-500	●			●			
20 tubes with 9 ml	↑	Ink labelled tubes and metallic cap	064-TA0158	●	●		●			

AZIDE ETHYL VIOLET BROTH (EVA BROTH)



➤ LITSKY BROTH

➤ ETHYL VIOLET AZIDE BROTH (EVA BROTH)

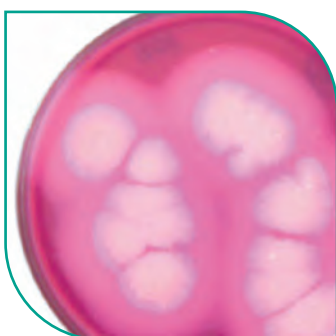
➤ EVA BROTH

02-028
COMPF / SMWW

Liquid medium for the confirmation of enterococci in water.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	02-028-500		●					

BACILLUS CEREUS AGAR



➤ MANNITOL-EGG YOLK-POLYMYXIN AGAR

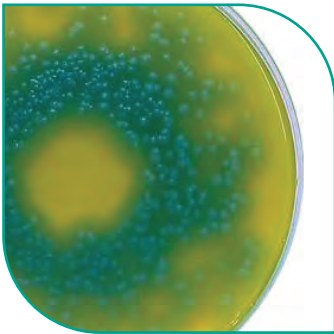
➤ MYP AGAR

01-262
COMPF / FIL-IDF / ISO

Selective solid medium, according to Mossel, for the isolation and identification of *Bacillus cereus* from food samples according to ISO standards 7932 and 21871. This medium needs add 100 ml of Egg Yolk Sterile Emulsion (Art. No. 06-016) and 100 mg/l of Polymyxin (Art. No. 06-021LYO1).

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		01-262-500	●		●				
5x500 ml	☐		01-262BA05	●		●				
20 plates of 90 mm Ø	⊗		064-PA0032	●		●				
10 flasks with 90 ml	☒	Metallic-non injectable cap	064-BA2129	●		●				
Polymyxin B sulfate Selective Supplement. 10 vials	☒		06-021LYO1	●		●				
Egg's yolk sterile emulsion (Additive). 100 ml flasks	☒		06-016-100	●		●				

**BACILLUS CEREUS
SELECTIVE AGAR**



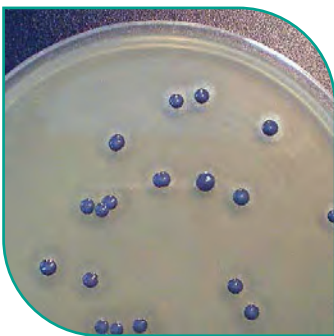
► PEMBA (POLYMYXIN-EGG YOLK-MANITOL-BLUE-AGAR)

**01-487
FIL-IDF / ISO / NKML**

Selective solid medium for the enumeration of *Bacillus cereus* in food, according to ISO 21871 and NMKL 674 standards. This medium needs add 50 ml/L of Egg Yolk Sterile Emulsion (Art. No. 06-016) and 2 vials/litre of Polymyxin B Sulfate (Art. No. 06-021LYO1).

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-487-500	●						
5x500 ml	☐	01-487BA05	●						
Polymyxin B sulfate Selective Supplement. 10 vials	☐	06-021LYO1	●		●				
Egg's yolk sterile emulsion (Additive). 100 ml flasks	☐	06-016-100	●		●				

**BAIRD PARKER
AGAR BASE**



► BP AGAR
► EGG YOLK TELLURITE GLYCINE PIRUVATE AGAR

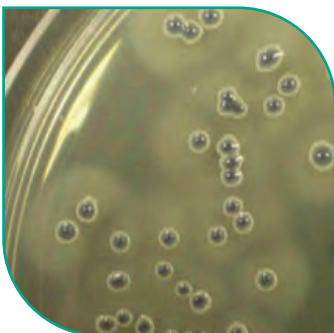
► ETGP AGAR
► MEDIUM O EUR. PHARM. 5TH ED.

**01-030
BAM / EP / ISO / USP**

Solid and selective culture medium for the screening of staphylococci from a variety of samples, according to pharmacopeias and ISO 5944, 6888-1 and 22718 standards. This medium needs add 50 ml of Egg Yolk Tellurite Sterile Emulsion (Art. No. 06-026-100 with NaCl or 064-BA1018 without NaCl).

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		01-030-500	●		●	●	●	●	
5x500 ml	☐		01-030BA05	●		●	●	●	●	
20 plates of 90 mm Ø	☐		064-PA0008	●		●	●	●	●	
30 contact plates	☐		064-PR0008	●		●	●	●	●	
30 plates of 55 mm Ø	☐	Triple packaging	064-PF6030	●		●	●	●	●	
10 flasks with 90 ml	☐	Non injectable cap	064-BA1033	●		●	●	●	●	
Egg's Yolk Tellurite Sterile Emulsion (Additive). 100 ml flasks	☐	Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap. According to ISO standards	064-BA1018	●		●	●	●	●	
Egg's Yolk Tellurite Sterile Emulsion (Additive). 100 ml flasks	☐	Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap	06-026-100	●		●	●	●	●	

BAIRD PARKER RPF AGAR



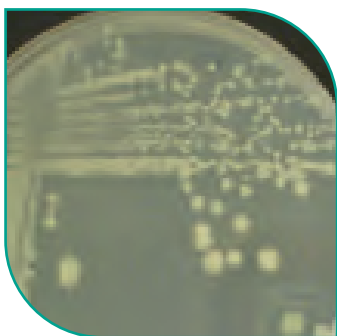
**064-PA0145
EP / FIL-IDF / ISO / USP**

Solid culture medium for the enumeration of coagulase-positive staphylococci in food and in the control of food processors. According to ISO 5944, 6888-1 and 22718. Add to each flasks of medium base 1 vial re-suspended in distilled water with 10 ml of RPF (Art. No. 064-TA0155).

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		01-030-500	●		●	●	●	●	
20 plates of 90 mm Ø	☐		064-PA0145	●		●	●	●	●	
(Base medium) 10 flasks with 90 ml	☐	Metalic-non injectable cap	064-BA1028	●		●	●	●	●	
10 flasks with 180 ml	☐	Metalic-non injectable cap	064-BA7038	●		●	●	●	●	
RPF Lyophilized Supplement. 10 tubes with 9 ml	☐	White plastic cap	064-TA0155	●		●	●	●	●	

*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

BAT AGAR



01-675
IFU

Solid medium for the detection and isolation of *Alicyclobacillus*, in fruit juices and other acidic food, according to IFU standard method No. 12. For detection of the species *A. acidoterrestris* recommend using the K Agar medium (Art. No. 01-674).

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-675-500	●						
5x500 ml	☐	01-675BA05	●						

BAT BROTH



02-675
IFU

Liquid medium used for the enrichment of *Alicyclobacillus*, from fruit juices and other acidic foods, according to IFU standard method No. 12. For detection of the species *A. acidoterrestris* recommend using the K Agar medium (Art. No. 01-674).

PRESENTACIÓN	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	02-675-500	●						
5x500 ml	☐	02-675BA05	●						

BCSA, see *BURKHOLDERIA CEPACIA* SELECTIVE AGAR BASE, page 51

BCYE LEGIONELLA AGAR BASE



► CYE

01-687
ISO / SMWW

Solid medium base used for the detection, isolation and enumeration of *Legionella* from water according to the ISO standards 11731 and 11731-2. Needs Legionella BCYE Growth Supplement (Art. No. 06-137LYO1).

► See Legionella Selective (GVPC) Agar (ISO), page 73.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-687-500		●	●			●	
5x500 ml	☐	01-687BA05		●	●			●	
20 plates of 90 mm Ø	☉	064-PA0069		●	●			●	
Legionella BCYE Growth Supplement. 5 vials + 5 vials of solvent	☞	06-137LY01		●	●			●	

BCYE LEGIONELLA SELECTIVE, see LEGIONELLA SELECTIVE (GVPC) AGAR (ISO), page 73

BCYE LEGIONELLA WITHOUT CYSTEINE

► CYE W/O CYS

064-PA6001 ISO

Selective medium for the study of *Legionella* formulated according to ISO 11731. Needs Legionella BCYE without Cysteine Supplement (Art. No. 06-134LYO1).

Medium used in the characterization of *Legionella* based on the absence of growth of these microorganisms by their dependence on Cysteine.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR						
			FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-687-500	●	●				●	
5x500 ml	☐	01-687BA05	●	●				●	
20 plates of 90 mm Ø	☉	064-PA6001	●	●				●	
Legionella BCYE w/o cysteine. No growth supplement. 5 vials + 5 vials of solvent	☐	06-134LYO1	●	●				●	

BCYE+AB LEGIONELLA SELECTIVE AGAR (ISO)



064-PA6090 ISO

Solid medium base used for the detection, isolation and enumeration of *Legionella* from water according to the ISO standards 11731.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR						
			FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
20 plates of 90 mm Ø	☉	064-PA6090	●	●				●	

BEA, see BILE ESCULIN AZIDE AGAR, page 44

BEERENS COSMETIC DILUENT



02-257

Diluent used to neutralize preservative systems in routine examination of cosmetic products. Dehydrated medium needs add Polysorbate 80 (Art. No. TW0080).

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR						
				FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		02-257-500						●	
5x500 ml	☐		02-257BA05						●	
10 flasks with 90 ml	☐	Injectable plastic cap	064-BA2022				●	●		
10 flasks with 100 ml	☐	Injectable plastic cap	064-BA1022				●	●		
20 tubes with 9 ml	☐	Ink labelled tubes and metallic cap	064-TA2022				●	●		
Polysorbate 80 (Additive). 100 ml	☐		TW00800100						●	

BGA, see BRILLIANT GREEN AGAR, page 46



*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

BGA MODIFIED, see BRILLIANT GREEN MODIFIED AGAR, page 47

BGBL, see BRILLIANT GREEN BILE 2%, page 47

BHI AGAR, see BRAIN HEART INFUSION AGAR, page 45

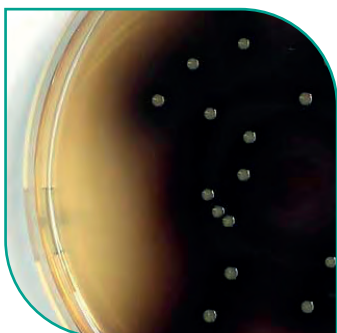
BHI BROTH, see BRAIN HEART INFUSION BROTH, page 46






BIGGY AGAR, see NICKERSON AGAR, page 88

BILE ESCULIN AZIDE AGAR

01-592
BAM / ISO

Solid medium for the confirmation and enumeration of enterococci in clinical samples and water samples by the membrane filtration method according to ISO 7899-2 standard.



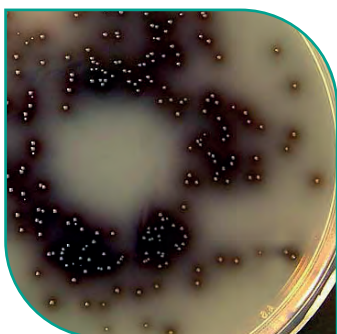
PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*			01-592-500	●	●					
5x500 ml			01-592BA05	●	●					
20 plates of 90 mm Ø			064-PA3134	●	●					
30 plates of 55 mm Ø			064-PF0008	●	●					
10 flasks with 100 ml		Metalic-non injectable cap	064-BA0008	●	●					




BILE ESCULIN MODIFIED AGAR

► BILE ESCULIN MEDIUM ► BEM ► BILE ESCULIN AGAR

01-265
BAM / COMPF / ISO

Solid culture medium for identification of probiotic streptococci in food samples.

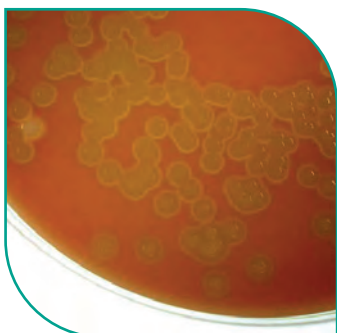





PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*			01-265-500	●						
5x500 ml			01-265BA05	●						
20 tubes with 6.2 ml of slanted agar		Ink labelled tubes and metallic cap	064-TA0102	●	●					

BLOOD AGAR BASE

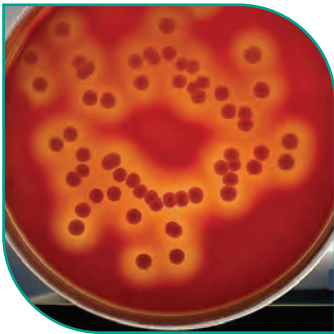
01-352

Nutrient rich medium suitable for the isolation of pathogenic microorganisms from clinical specimens. This medium needs to add Ampicillin Selective Supplement (Art. No. 06-126LYO1).



PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*		01-352-500	●		●				
5x500 ml		01-352BA05	●		●				
Ampicillin Selective Supplement		06-126LYO1	●		●				

BLOOD AGAR BASE (COLUMBIA)



► CA ► C AGAR ► COLUMBIA BLOOD AGAR ► CB AGAR

01-034

Nutrient rich medium suitable for the isolation of pathogenic microorganisms from clinical specimens. This medium needs to add Ampicillin Selective Supplement (Art. No. 06-126LY01).

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-034-500			●				
5x500 ml	☐	01-034BA05			●				
20 plates of 90 mm Ø	☉	064-PA0004	●		●	●			
Ampicillin Selective Supplement	☐	06-126LY01			●				

BLOOD AGAR BASE MODIFIED



01-689

Culture medium developed specially to manufacture plates with blood.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-689-500			●				

BLOOD AGAR BASE NO. 2



01-505

APHA / BAM / COMPF / FDA / ISO

Nutrient rich medium suitable for the isolation of pathogenic microorganisms from clinical specimens according to ISO 7932 and 11290-1 standard.

► This medium needs addition of Blood.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-505-500	●		●				
5x500 ml	☐	01-505BA05	●		●				
20 plates of 90 mm Ø	☉	064-PA9997	●		●				

BOLTON ENRICHMENT BROTH BASE

02-688

BAM / ISO

Liquid culture medium used for the enrichment of *Campylobacter* from food samples according to ISO 10272-1 standard. This medium needs add Campylobacter Bolton Selective Supplement (Art. No. 06-131LY01) and lysed horse blood (Art. No. 000SR0048C).

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		02-688-500	●						
10 flasks with 250 ml	☐	Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap	064-BA8055	●						
Campylobacter Bolton Selective Supplement. 10 vials	☐		06-131LY01	●						



*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

BRAIN HEART INFUSION AGAR (BHI AGAR)



► BHI AGAR

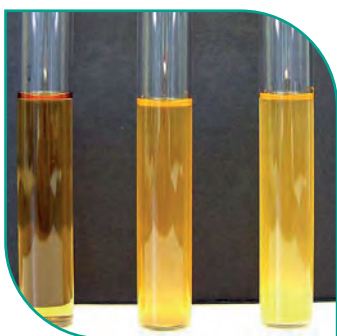
01-599

COMPF / DIN / FDA / ISO / SMWW

General purpose solid medium for fastidious pathogenic microorganisms.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-599-500	●	●				●	
5x500 ml	☐	01-599BA05	●	●				●	

BRAIN HEART INFUSION BROTH (BHI BROTH)



► BHI BROTH

02-599

BAM / COMPF / ISO / SMWW

Nutrient rich medium suitable for the isolation of pathogenic microorganisms from clinical specimens according to ISO 5944 standard.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		02-599-500	●	●	●				
5x500 ml	☐		02-599BA05	●	●	●				
10 flasks with 100 ml	☐	Metalic-non injectable cap	064-BA6079	●	●	●		●		
20 tubes with 10 ml	☐	Ink labelled tubes and metalic-non injectable cap	064-TA0143	●	●	●				

BRAIN HEART INFUSION (BHI) SUPPLEMENTED WITH SPS (0.05%)

064-BA7083

Culture media for the qualitative detection of microorganisms in blood samples.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
10 flasks with 70 ml	☐	Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap + shrink wrapped plastic sleeve	064-BA7083			●				

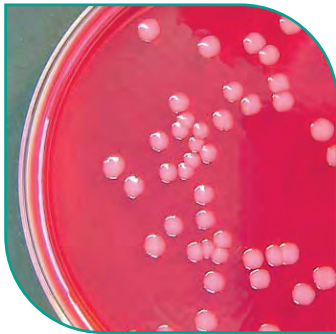
BRETTANOMYCES AGAR

01-816

Solid culture medium for the differential isolation of *Brettanomyces* spp. from spoiled wines.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-816-500	●						

BRILLIANT GREEN AGAR (BGA)



- BRILLIANT GREEN PHENOL RED LACTOSE AGAR
- BPLA

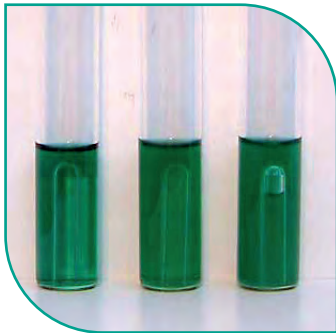
- BGA
- MEDIUM L EUR. PHARM. 5TH ED.

01-203 APHA / EP / USP

Medium for *Salmonella* isolation, according to the European Pharmacopoeia.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-203-500	●	●	●	●	●	●	●
5x500 ml	☐	01-203BA05	●	●	●	●	●	●	●
20 plates of 90 mm Ø	☉	064-PA0045	●	●	●	●	●	●	●

BRILLIANT GREEN BILE 2% BROTH



- BGBLB
- BLBVB
- BGBL BROTH

02-041 AOAC / APHA / BAM / COMPF / ISO / SMWW

Liquid medium used for the detection of coliforms in water, as recommended by APHA and ISO 4831 and 9308-1 standards.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		02-041-500	●	●	●	●	●	●	●
5x500 ml	☐		02-041BA05	●	●	●	●	●	●	●
20 tubes with 9 ml	☐	Ink labelled tubes and metallic-non injectable cap, with Durham tubes	064-TA0152	●	●	●	●	●	●	●
20 tubes with 10 ml	☐	Ink labelled tubes and metallic-non injectable cap, with Durham tubes	064-TA0151	●	●	●	●	●	●	●
20 tubes with 10 ml	☐	Ink labelled tubes and metallic cap, double concentration with Durham tubes	064-TA0179	●	●	●	●	●	●	●

BRILLIANT GREEN MODIFIED AGAR



- BGA MODIFIED

01-309 DIN / IDF / ISO

Solid culture medium for selective isolation of *Salmonellae* in food (except *S. typhi*) according to ISO 6340, 6785 and IDF 93 standards.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-309-500	●	●	●	●	●	●	●
5x500 ml	☐	01-309BA05	●	●	●	●	●	●	●

BRUCELLA FARRELL AGAR (MODIFIED)



064-PA6113

Medium for the isolation and identification of *Brucella spp.*, from clinical specimens or foods of animal origin.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
20 plates of 90 mm Ø	☞	064-PA6113	●		●				

BUFFER PHOSPHATE pH 7.2 (0.05M)



EP / USP

Phosphate buffer used in the preparation of dilution banks for use in microbiological testing according to European Pharmacopoeia 9.0 and USP 33-NF 28.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
10 flasks with 90 ml	☞	Metalic-non injectable cap	064-BA8073				●	●		

BUFFER PHOSPHATE pH 7.2 (0.05M) + 4% POLYSORBATE

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
10 flasks with 90 ml	☞	Metalic-non injectable cap	064-BA8074				●	●		

BUFFERED PEPTONE PHOSPHATE WATER

**02-568
SL**

Liquid non-selective pre-enrichment medium for *Enterobacteriaceae* according to Swiss food standards (formulation Schweizerisches Lebensmittelbuch).

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	02-568-500	●						
10 flasks of 225 ml	☞	0000094217	●						

BUFFERED PEPTONE WATER (EUR. PHARM.) + 0.1% HISTIDIN + 0.3% LECITHIN + 3% POLYSORBATE 80



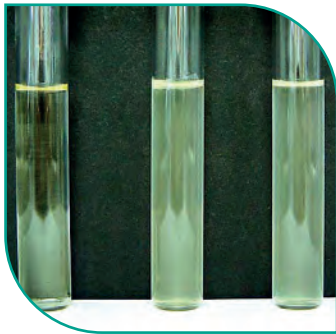
064-BA8051

EP / ISO / USP

Diluent for the homogenization of samples for the microbiological examination according to the European Pharmacopoeial Harmonised Method and ISO 21149 standard.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
10 flasks with 90 ml in 125 ml	☞	Metalic-non injectable cap	064-BA8054				●	●		
10 flasks with 90 ml in 250 ml	☞	Metalic-non injectable cap	064-BA8081				●	●		
10 flasks with 300 ml	☞	Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap	064-BA8051				●	●		
9 flasks with 900 ml	☞	Non injectable cap	064-FP0002				●	●		

BUFFERED PEPTONE WATER (ISO)



► TRYPTONE BUFFERED PEPTONE

**02-277
ISO**

Dilution and non-selective pre-enrichment liquid medium according to ISO standards 6579, 6785, 6887, 8261 and 22964.

► **You must use connector (Art. No. 064-V70815) for bags.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		02-277-500	●		●				
5x500 ml	☐		02-277BA05	●		●				
5 bags of 2 litres**	☐		064-BA01-2	●		●				
3 bags of 3 litres**	☐		064-BA01-3	●		●				
2 bags of 5 litres**	☐		064-BA01-5	●		●				
10 flasks with 90 ml	☐	Injectable cap: Plastic screw inner cap + elastomer septum +protective outer cap	064-BA4010	●		●				
10 flasks with 100 ml	☐	Metalic-non injectable cap	064-BA0486	●		●				
10 flasks with 200 ml	☐	Injectable cap: Plastic screw inner cap + elastomer septum +protective outer cap	064-BA6000	●		●				
10 flasks with 225 ml in 500 ml flasks	☐	Injectable cap: Plastic screw inner cap + elastomer septum +protective outer cap	064-BA6011	●		●				
10 flasks with 225 ml in flasks of 250 ml	☐	Metalic-non injectable cap	064-BA6012	●		●				
6 flasks with 800 ml	☐	Injectable cap: Plastic screw inner cap + elastomer septum +protective outer cap	064-BA8043	●		●				
20 tubes with 9 ml	☐	Ink labelled tubes and metalic cap	064-TA0100	●		●				

BUFFERED PEPTONE WATER + 0.2% POLYSORBATE 80

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
10 flasks with 225 ml in flasks of 250 ml	☐	Metalic-non injectable cap	064-BA8080	●						

READY-TO-USE BROTHS & DILUENTS IN FLEXIBAGS

Suitable presentation for gravimetric dilutors

- Safe packaging
- Avoid time-consuming preparation



Download here the brochure



BUFFERED PEPTONE WATER 0.1% (EUR. PHARM.)



- BUFFERED SODIUM CHLORIDE PEPTONE SOLUTION pH 7,0
- BUFFERED PEPTONE WATER 0.1%

- BUFFERED SALINE PEPTONE WATER
- MEDIUM A EUR. PHARM. 5TH ED.

02-494
EP / HP / ISO

Diluent for the homogenization of samples for the microbiological examination according to Harmonised European Pharmacopeia method 9.0 and ISO 21149 standard.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR							
				FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR	
500 g*	📦		02-494-500	●							
5x500 ml	📦		02-494BA05	●							
10 flasks with 25 ml	🧴	Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap + shrink wrapped plastic sleever	064-V00099	●							
10 flasks with 90 ml	🧴	Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap + shrink wrapped plastic sleever	064-BA6064	●							
10 flasks with 100 ml	🧴	Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap + shrink wrapped plastic sleever	064-BA3021	●							
10 flasks with 125 ml	🧴	Metalic-non injectable cap	064-BA8059	●							
10 flasks with 200 ml	🧴	Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap + shrink wrapped plastic sleever	064-BA6062	●							
10 flasks with 225 ml	🧴	Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap	064-BA6063	●							
10 flasks with 300 ml	🧴	Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap	064-BA7071	●							
10 flasks with 500 ml	🧴	Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap + shrink wrapped plastic sleever	064-BA3043	●							
6 flasks with 800 ml	🧴	Metalic-non injectable cap	064-BA8057	●							
6 flasks with 850 ml + double bag ESTERIPAPEL®	🧴	Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap	064-BA8056	●							
20 tubes with 9 ml	🧴	Ink labelled tubes and metallic cap	064-TA2151	●							
20 tubes with 10 ml	🧴	Ink labelled tubes and metallic cap	0TA2151-10	●							


BUFFERED PEPTONE WATER + POLYSORBATE 80

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR							
				FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR	
10 flasks with 100 ml	🧴	Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap + shrink wrapped plastic sleever	064-BA0003	●							
10 flasks with 90 ml	🧴	Non injectable-metal cap	064-BA8078	●							

**BUFFERED PEPTONE
WATER MODIFIED**

064-BA2135
EP / ISO / USP

Diluent for the homogenization of samples according to ISO 21149 standard, European Pharmacopoeia 9.0 and USP 33-NF 28.

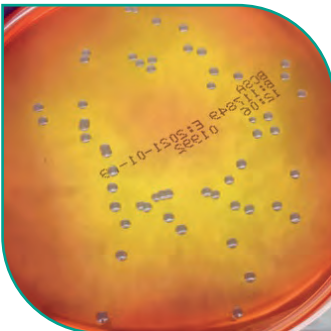
PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR
10 flasks with 200 ml		Metallic-non injectable cap	064-BA2135	FOOD & BEVERAGES WATER CLINICAL PHARMA COSMETICS ENVIRONMENTAL MOLECULAR





**BURKHOLDERIA CEPACIA
SELECTIVE AGAR
BASE (BCSA)**

► BCSA

01-736
USP

Solid medium for the selective isolation of *Burkholderia cepacia* complex from the respiratory secretions of cystic fibrosis patients. Needs *Burkholderia cepacia* Selective Supplement (BCSA) (Art. No. 06-737LYO1).



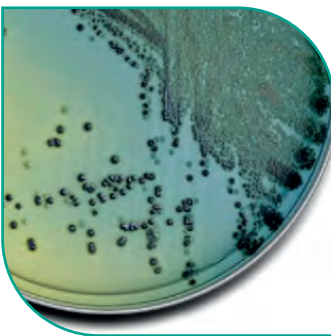
PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
500 g*		01-736-500	FOOD & BEVERAGES WATER CLINICAL PHARMA COSMETICS ENVIRONMENTAL MOLECULAR
5x500 ml		01-736BA05	FOOD & BEVERAGES WATER CLINICAL PHARMA COSMETICS ENVIRONMENTAL MOLECULAR
20 plates of 90 mm Ø		064-PA6064	FOOD & BEVERAGES WATER CLINICAL PHARMA COSMETICS ENVIRONMENTAL MOLECULAR
<i>Burkholderia cepacia</i> Selective Supplement (BCSA). 10 vials		06-737LY01	FOOD & BEVERAGES WATER CLINICAL PHARMA COSMETICS ENVIRONMENTAL MOLECULAR



**BURKHOLDERIA CEPACIA
SELECTIVE AGAR
BASE (OFPBL BASE)**

► OFPBL

01-739

Solid medium for the selective isolation of *Burkholderia cepacia* from clinical specimens and non-clinical samples. Needs Selective Supplement for *Burkholderia cepacia* (OFPBL) Art. No.: 06-741LYO1.





PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
500 g*		01-739-500	FOOD & BEVERAGES WATER CLINICAL PHARMA COSMETICS ENVIRONMENTAL MOLECULAR
Selective Supplement for <i>Burkholderia cepacia</i> (OFPBL). 10 vials		06-741LY01	FOOD & BEVERAGES WATER CLINICAL PHARMA COSMETICS ENVIRONMENTAL MOLECULAR

**CARY-BLAIR
TRANSPORT MEDIUM**

03-643
CMPH

Semisolid non-nutritive medium used for transporting and preserving microbiological specimens.



PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
500 g*		03-643-500	FOOD & BEVERAGES WATER CLINICAL PHARMA COSMETICS ENVIRONMENTAL MOLECULAR
5x500 ml		03-643BA05	FOOD & BEVERAGES WATER CLINICAL PHARMA COSMETICS ENVIRONMENTAL MOLECULAR



*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

CASEIN LECITHIN POLYSORBATE, BROTH BASE

02-539
FDA / USP

Liquid medium used to dilute and neutralize samples of pharmaceutical, cosmetic, raw material or end products for the purpose of microbial enumeration. This medium needs to add 40 ml of Polysorbate 20 (Art. No. TW00220100) per litre.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR							
			FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR	
500 g*	☐	02-539-500				●	●			
5x500 ml	☐	02-539BA05				●	●			
Polysorbate 20 (Additive), 100 ml	☐	TW00220100				●	●			

CCA, see COLIFORM AGAR BASE CHROMOGENIC MICROINSTANT[®], page 128

CCA (ISO), see COLIFORM AGAR BASE (ISO) CHROMOGENIC MICROINSTANT[®], page 128

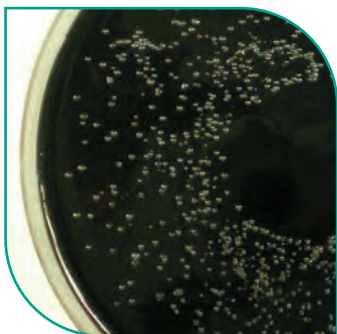
CCDA, see CCD MODIFIED AGAR below

CCD MODIFIED AGAR (CHARCOAL CEFOPERAZONE DEOXYCHOLATE)

- MCCDA
- CCD MODIFIED AGAR
- CAMPYLOBACTER BLOOD-FREE SELECTIVE AGAR

01-685
BAM / ISO

Selective plating medium used for the detection and enumeration of *Campylobacter spp.* according to ISO 10272-1 standard. Needs Campylobacter CCDA Selective Supplement (Art. No. 06-133LYO1).



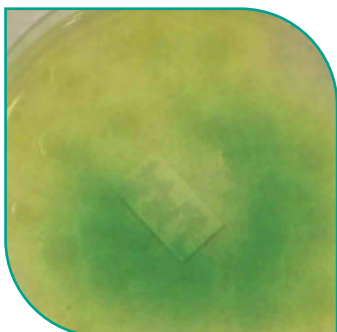
PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR							
			FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR	
500 g*	☐	01-685-500	●		●					
20 plates of 90 mm Ø	☐	064-PA0009	●		●					
Campylobacter CCDA Selective Supplement, 10 vials	☐	06-133LYO1	●		●					

CETRIMIDE AGAR (EUR. PHARM.)

- PSEUDOSEL
- PSEUDOMONAS SELECTIVE MEDIUM
- PSEUDOMONAS SELECTIVE AGAR BASE
MEDIUM N EUR. PHARM. 5TH ED.

01-160
AOAC / EP / ISO / HP / USP

Solid culture medium for selective isolation of *Pseudomonas aeruginosa* according to Harmonised Pharmacopoeia Method and 22717 standard. This medium needs glycerol (Art. No. GL00261000).



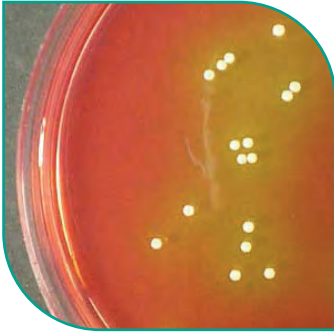
PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR						
				FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		01-160-500	●	●		●			
5x500 ml	☐		01-160BA05	●	●		●			
20 plates of 90 mm Ø	☐		064-PA0050	●	●		●			
30 contact plates	☐		064-PR0009	●	●		●			
10 flasks with 100 ml	☐	Metallic-non injectable cap	064-BA1032	●	●		●			
10 flasks with 200 ml	☐	Aluminium screw outer cap + Elastomer inner septum	064-BA3037	●	●		●			
Glycerol (Additive), 1 litre	☐		GL00261000	●	●		●			

CETRIMIDE-NALIDIXIC ACID MEDIUM, see CN SELECTIVE AGAR, page 55

CFC AGAR, see PSEUDOMONAS CFC AGAR, page 96

CGA, see CHLORAMPHENICOL GLUCOSE AGAR at the bottom of this page

**CHAPMAN AGAR
(MANNITOL SALT AGAR)**



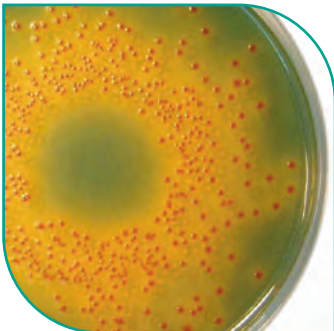
➤ CHAPMAN AGAR

01-116
BAM / EP / HP / ISO / USP

Selective medium for the isolation of pathogenic staphylococci according to the Pharmacopoeial Harmonized Methodology and the ISO 22718 standard.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR						
			FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-116-500	●	●	●	●	●	●	●
5x500 ml	☐	01-116BA05	●	●	●	●	●	●	●
20 plates of 90 mm Ø	☉	064-PA0011	●	●	●	●	●	●	●
30 plates of 55 mm Ø	☐	064-PF0025	●	●	●	●	●	●	●
30 contact plates	☐	064-PR0015	●	●	●	●	●	●	●

CHAPMAN TTC AGAR



➤ TERGITOL® 7 AGAR

➤ T7 AGAR

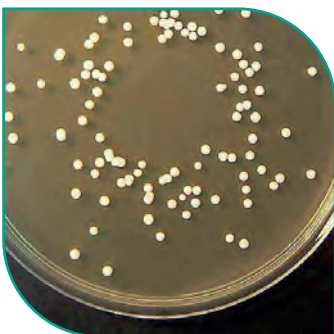
➤ LACTOSE TTC HEPTADECYL SODIC SULFATE AGAR

01-053

Medium for the detection of coliforms by membrane filtration in water analyses. Needs a filtered sterile 1% aqueous 2, 3, 5-triphenyltetrazolium chloride (TTC) (Art. No. 06-023).

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR						
			FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-053-500	●	●					
5x500 ml	☐	01-053BA05	●	●					
20 plates of 90 mm Ø	☉	064-PA0048	●	●					
30 plates of 55 mm Ø	☐	064-PF0003	●	●					
TTC 1% sterile solution 100 ml	☐	06-023-100	●	●					

**CHLORAMPHENICOL
GLUCOSE AGAR (CGA)**



➤ YEAST EXTRACT-GLUCOSE-CHLORAMPHENICOL AGAR
➤ YGC AGAR
➤ YEAST EXTRACT-DEXTROSE-CHLORAMPHENICOL AGAR

➤ YDC AGAR
➤ CGA

01-366
DIN / IDF / ISO

Solid and selective medium for the isolation and enumeration of fungi in milk and dairy products according to ISO 7954 and FIL-IDF 94B standards.

PRESENTATION	TIPO DE ENVASE	SPECIFICATIONS	ART. NO.	SECTOR						
				FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		01-366-500	●						
5x500 ml	☐		01-366BA05	●						
10 flasks with 100 ml	☐	Metalic-non injectable cap	064-BA9992	●						
10 flasks with 200 ml	☐	Metalic-non injectable cap	064-BA8093	●						

i *For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

CHOCOLATE AGAR - SUPPLEMENTED



064-PA0001

Medium for the isolation and cultivation of fastidious microorganisms especially *N. meningitidis*, *N. gonorrhoeae* and *Haemophilus spp.*

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
20 plates of 90 mm Ø	☉	064-PA0001	●

FOOD & BEVERAGES
WATER
CLINICAL
PHARMA
COSMETICS
ENVIRONMENTAL
MOLECULAR

CHRISTENSEN'S CITRATE AGAR



01-664 BAM / ISO

Differential solid medium to verify the use of citrate as a sole carbon source in the presence of organic nitrogen, according to the ISO 21567 standard.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
500 g*	☐	01-664-500	●
5x500 ml	☐	01-664BA05	●

FOOD & BEVERAGES
WATER
CLINICAL
PHARMA
COSMETICS
ENVIRONMENTAL
MOLECULAR

CIN AGAR, see YERSINIA CIN AGAR BASE, page 126

CLED AGAR



- CYSTINE LACTOSE ELECTROLYTE DEFICIENT AGAR
- BROLACIN AGAR

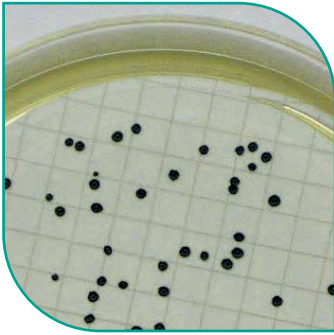
01-047

Cystine, lactose, electrolyte deficient medium, recommended for the isolation and identification of urinary pathogenic bacteria.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
500 g*	☐	01-047-500	●
5x500 ml	☐	01-047BA05	●
20 plates of 90 mmØ	☉	064-PA0010	●

FOOD & BEVERAGES
WATER
CLINICAL
PHARMA
COSMETICS
ENVIRONMENTAL
MOLECULAR

**CLOSTRIDIUM PERFRINGENS
SELECTIVE AGAR
(SPS AGAR)**



➤ SULFITE POLYMYXIN SULFADIAZINE AGAR ➤ SPS AGAR ➤ PERFRINGENS SELECTIVE AGAR

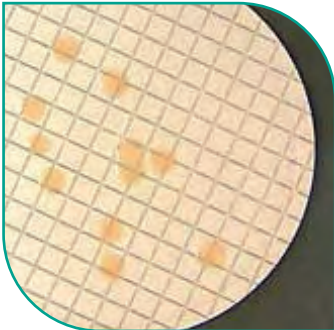
01-050
APHA / BAM / FDA

Solid medium for the detection of *Clostridium perfringens* in food.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		01-050-500	●	●			●		
5x500 ml	☐		01-050BA05	●	●			●		
20 plates of 90 mm Ø	☉		064-PA0073	●	●			●		
30 plates of 55 mm Ø	☐		064-PF0002	●	●			●		
10 flasks with 100 ml	☐	Metalic-non injectable cap	064-BA0027	●	●			●		
20 tubes with 10 ml	☐	Ink labelled tubes and metallic-non injectable cap	064-TA0110	●	●			●		
20 tubes with 10 ml	☐	Double concentration Ink labelled tubes and metallic cap	064-TA2161	●	●			●		
20 tubes with 10 ml	☐	Ink labelled tubes and metallic-non injectable cap with paraffine	064-TA2115	●	●			●		

CNA, see COLUMBIA CNA AGAR BASE, page 56

CN SELECTIVE AGAR



➤ CN PSEUDOMONAS AGAR ➤ CN MEDIUM ➤ CETRIMIDE-NALIDIXIC ACID MEDIUM

01-609
EN / ISO

Selective solid medium used for the detection of *Pseudomonas aeruginosa* according to the EN 12780-2002 and ISO 16266 standard. This medium needs add Nalidixic Acid Selective Supplement (Art. No. 06-124LY01).

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-609-500	●	●	●			●	
5x500 ml	☐	01-609BA05	●	●	●			●	
30 plates of 55 mm Ø	☐	064-PF0005	●	●		●			
Nalidixic acid Selective Supplement. 10 vials	☐	06-124LY01	●	●	●			●	

**COLUMBIA AGAR
(EUR. PHARM)**



01-680
EP / USP

Highly nutritious general purpose medium used for the isolation and cultivation of fastidious and nonfastidious microorganisms from clinical and non-clinical materials according to the Pharmacopeial European Harmonized Method 9.0 and USP 33-NF 28.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-680-500				●			
5x500 ml	☐	01-680BA05				●			

*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

COLUMBIA CNA AGAR BASE

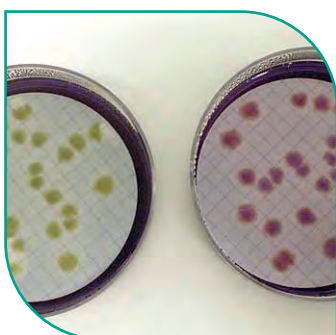


01-703

Solid medium used, with the addition of blood for the selective isolation of Gram positive cocci, from clinical samples. For dehydrated version of the medium (Art. No. 01-703-500) adding blood.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR						
			FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-703-500			●				
20 plates of 90 mm Ø	☉	064-PA0053			●				

m-CP AGAR BASE



01-513

EP

Solid medium for the enumeration and isolation of *Clostridium perfringens* in water according to the European Directive 12767/97. This medium needs to add m-CP Selective Supplement (Art. No. 06-125LY01). This medium requires the use of ammonium hydroxide for confirmation.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR						
			FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-513-500		●					
5x500 ml	☐	01-513BA05		●					
12 plates of 55 mm Ø	☉☉	064PF0030C		●					
30 plates of 55 mm Ø	☉☉☉	064-PF0030		●					
m-CP Selective Supplement. 10 vials	☐	06-125LY01		●					

CRONOBACTER SELECTIVE BROTH BASE (CSB)

02-827

ISO

Liquid culture medium for the selective enrichment of *Cronobacter spp.* from the pre-enrichment of food samples, in accordance with ISO 22964. This broth need the addition of Vancomycine Selective Supplement 5 mg (Art. No. 06-712LY01).

DESCRIPTION	TYPE OF PACKAGING	ART. NO.	SECTOR						
			FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	02-827-500	●	●				●	
Vancomycine Selective Supplement 5 mg. 10 vials	☐	06-712LY01	●	●				●	

CZAPEK-DOX AGAR



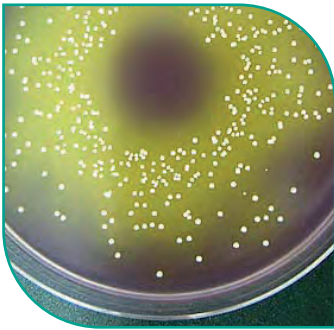
01-051

APHA-AWWA

Solid semisynthetic medium for the cultivation of fungi, with nitrate as a sole nitrogen source. For greater efficiency add Yeast Extract (Art. No. 07-079).

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR						
			FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-051-500	●					●	
20 plates of 90 mm Ø	☉	064-PA0066			●			●	

D/E NEUTRALIZING AGAR BASE



► DEY-ENGLEY NEUTRALIZING AGAR

01-802 COMPF / ISO / SMD

Solid culture medium for the neutralization and testing of antiseptics and disinfectants. This medium needs addition Polysorbate 80 (Art. No. TW0080).

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
500 g*	☐	01-802-500	FOOD & BEVERAGES WATER CLINICAL PHARMA COSMETICS ENVIRONMENTAL MOLECULAR
Polysorbate 80 (Additive). 100 ml	☐	TW00800100	COSMETICS ENVIRONMENTAL

D/E NEUTRALIZING BROTH BASE

02-802 ISO / SMD

Liquid medium for enrichment cultures in cosmetics, according to ISO 21149, 21150, 22717 and 22718 standards. Needs Polysorbate 80 (Art. No. TW00800100) for dehydrated medium (Art. No. 02-802-500).

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR
500 g*	☐		02-802-500	COSMETICS ENVIRONMENTAL
10 flasks with 40 ml	☐	Metalic-non injectable cap	064-V00100	ENVIRONMENTAL
10 bottles with 100 ml	☐	Includes 5 mg/ml Polysorbate 80. Injectable cap: plastic cap with thread	064-BA7029	PHARMA COSMETICS ENVIRONMENTAL
Polysorbate 80 (Additive). 100 ml	☐		TW00800100	COSMETICS ENVIRONMENTAL

DECARBOXYLASE LYSINE BROTH (TAYLOR)

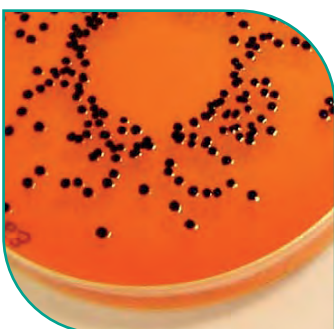


02-336 COMPF / IDF / ISO

Liquid medium to differentiate enteric bacteria using L-Lysine decarboxylation assays according to ISO 6785 and 21567 and FIL-IDF standards.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR
500 g*	☐		02-336-500	FOOD & BEVERAGES
20 tubes with 7 ml	☐		064TA0125L	FOOD & BEVERAGES

DEOXYCHOLATE CITRATE MODIFIED AGAR ACCORDING TO HYNES



01-566

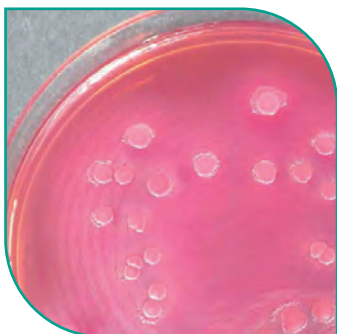
Solid medium for the isolation of *Salmonella* and *Shigella* according to Leifson, modified by Hynes.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
500 g*	☐	01-566-500	FOOD & BEVERAGES WATER CLINICAL PHARMA COSMETICS ENVIRONMENTAL MOLECULAR



*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

DEOXYCHOLATE LACTOSE AGAR




► DCL AGAR

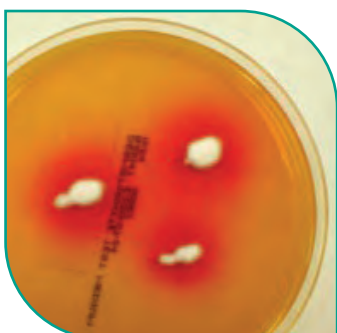
01-057

APHA / COMPF / ISO / SMWW

Differential solid medium for the isolation of enterobacteria according to APHA, AOAC and others standards.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*		01-057-500	●	●	●				
5x500 ml		01-057BA05	●	●	●				




DERMATOPHYTES SELECTIVE AGAR



- DTM AGAR
- TAPLIN AGAR
- DERMATOPHYTES MEDIUM TEST

01-442

Selective and differential solid medium used for the isolation and presumptive identification of dermatophytes.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*		01-442-500			●				
20 plates of 90 mm Ø		064-PA0012			●				
30 contact plates		064-PR0092			●				

DEXTROSE TRYPTONE PURPLE BROMCRESOL AGAR




► BCP AGAR

01-556

APHA

Solid medium for the cultivation of "flat-sour" canned food spoiling microorganisms.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*		01-556-500	●						

DG 18 AGAR

➤ DICHLORAN-GLYCEROL 18 AGAR

01-485
ISO

Solid differential and low water activity medium used for the determination of xerophilic fungi in low moisture food and in indoor air according to the ISO 16000-17 and 21527-2 standards.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-485-500	●					●	
20 plates of 90 mm Ø	☉	064-PA0064	●					●	

DICHLORAN-GLYCEROL 18 AGAR

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
10 flasks with 125 ml	☒	Metallic-non injectable cap	064-BA1546	●					●	

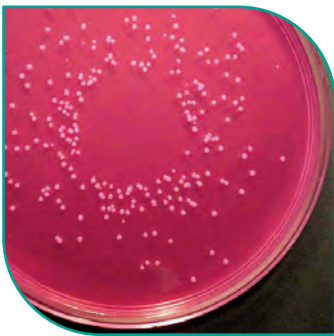
DG 18 METAL AGAR

064-PA6066
ISO

Solid differential and low water activity medium used for the determination of xerophilic fungi in low moisture food and in indoor air supplemented with trace metals according to ISO 16000-17 and 21527-2 standards.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
20 plates of 90 mm Ø	☉	064-PA6066	●		●				

DICHLORAN ROSE BENGAL CHLORAMPHENICOL AGAR



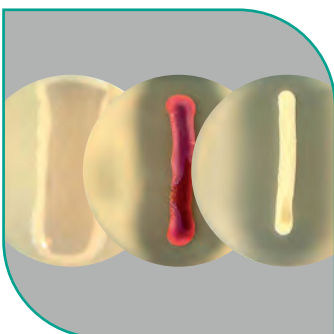
➤ DRBC AGAR

01-657
ISO

Selective medium for the enumeration of moulds and yeasts in foods according to ISO 21527-1 standard.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		01-657-500	●						
5x500 ml	☐		01-657BA05	●						
20 plates of 90 mm Ø	☉		064-PA6068	●						
10 flasks with 100 ml	☒	Metallic-non injectable cap	064-BA8063	●						

DNASE AGAR



➤ DNASE TEST AGAR
➤ DEOXYRIBONUCLEASE TEST AGAR

➤ DEOXYRIBONUCLEIC ACID AGAR
➤ DNA AGAR

01-346

Solid culture medium for the determination of the deoxyribonuclease activity of microorganisms, especially staphylococci and *Serratia* spp.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		01-346-500	●		●				
5x500 ml	☐		01-346BA05	●		●				
20 plates of 90 mm Ø, with methyl green	☉	1 box with 2 RD-PACK with 10 plates 90 mm Ø /pack. Film wrapping	064-PA6138	●		●				

DRCM, see REINFORCED CLOSTRIDIAL MEDIUM DIFFERENTIAL, page 99

**DRIGALSKY
LACTOSE AGAR**



01-660

Solid selective medium for the isolation of Gram negative bacteria from clinical specimens.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-660-500			●				

DTM, see DERMATOPHYTES SELECTIVE AGAR, page 58

E. COLI BROTH (EC BROTH)

► EC BROTH



02-060

APHA / COMPF / ISO / SMWW / WEF

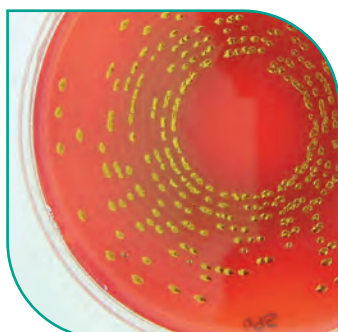
Selective medium for the detection and enumeration (MPN) of enterobacteria, in water and foodstuffs according to ISO 7251 and 9308-2 standards.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	02-060-500	●	●	●				
5x500 ml	☐	02-060BA05	●	●	●				
20 tubes of 9 ml	↑	064TA2155E	●	●	●				

EE BROTH, see ENRICHMENT ENTEROBACTERIACEAE BROTH, page 61

EMB AGAR, see ENRICHMENT ENTEROBACTERIACEAE BROTH, page 61

ENDO AGAR BASE



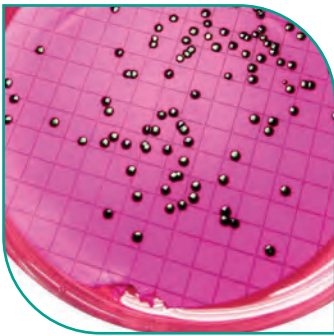
01-589

AOAC / COMPF / SMD

Moderately selective solid medium used for the detection of coliforms and other enteric organisms, in milk and water, according to APHA specifications.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-589-500	●	●					
5x500 ml	☐	01-589BA05	●	●					
Basic Fuchsin Supplement	☐	FU00600100	●	●					

ENDO LES AGAR

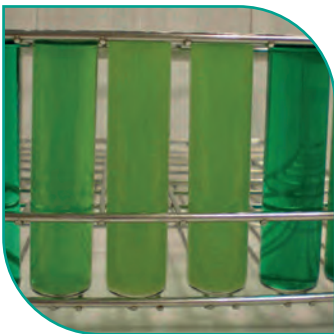


064-PF9999
APHA

Medium for detecting and enumerating coliforms in water and foods, by the filter membrane method.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
30 plates of 55 mm Ø	☐	064-PF9999		●					

ENRICHMENT ENTEROBACTERIACEAE BROTH (EE BROTH)



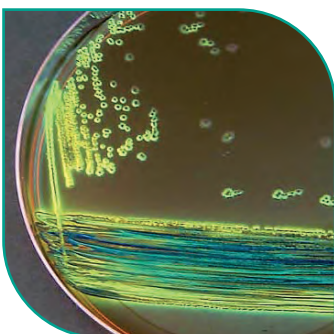
- EE MOSSEL
- EE BROTH
- MEDIUM E EUR. PHARM. 5TH ED.

02-064
EP / HP / ISO / USP

Liquid culture medium used for the enrichment of enterobacteria according to the ISO 21528-1 standard and the Pharmacopeial Harmonised Method.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		02-064-500	●			●			
5x500 ml	☐		02-064BA05	●			●			
10 flasks with 90 ml	☐	Non injectable cap	064-BA6073	●			●			
10 flasks with 100 ml	☐		064-BA2144	●			●			
20 tubes with 9 ml	☐	Ink labelled tubes and metallic cap	064-TA0189	●			●			
20 tubes with 10 ml double concentration	☐	Ink labelled tubes and metallic cap	064-TA0193	●			●			

EOSIN METHYLENE BLUE AGAR (EMB AGAR)



- EMB AGAR
- LEVINE AGAR

01-068
BAM / ISO / USP

Selective differential medium for the isolation and enumeration of coliforms according to ISO 21150 and USP standard.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-068-500	●	●	●	●	●		
5x500 ml	☐	01-068BA05	●	●	●	●	●		
20 plates of 90 mm Ø	☐	064-PA0013	●	●	●	●	●		

ESIA BROTH, see SAKAZAKII AGAR CHROMOGENIC MICROINSTANT® , page 130



*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

EUGON LT MODIFIED AGAR



01-862

Solid medium used for the enumeration of aerobic bacteria including *E. coli*, in cosmetic products with and without preservatives.

► **NOTE:** Pending the new ISO standard to adjust the composition.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR						
			FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-862-500							●
20 plates of 90 mm Ø	☐	064-PA6149							●

EUGON LT MODIFIED BROTH



02-862

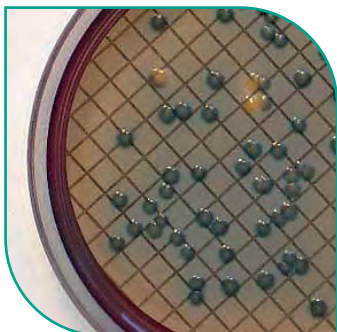
Liquid medium used for the enumeration of aerobic bacteria including *E. coli*, in cosmetic products with and without preservatives.

► **NOTE:** Pending the new ISO standard to adjust the composition.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR						
				FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		02-862-500	●					●	
10 flasks with 90 ml	☐	Injectable cap: Plastic screw inner cap	064-BA8233	●					●	
10 flasks with 100 ml	☐	Injectable cap: Plastic screw inner cap	064-BA8234	●					●	
20 tubes with 9 ml	☐	Ink labelled tubes and metallic cap	064-TA8366	●					●	

EVA BROTH, see AZIDE ETHYL VIOLET BROTH, page 40

FECAL COLIFORMS AGAR (m-FC AGAR)



► M-FC AGAR

01-287 APHA

Selective and differential solid medium for the enumeration of coliforms by membrane filtration technique according to APHA method. This medium needs add 10 ml of Rosolic Acid Solution 1% (Art. No. 064-BA8005).

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR						
			FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-287-500		●					
30 plates of 55 mm Ø	☐	064-PF0024		●					
Rosolic Acid Solution 1% (additive). 100 ml	☐	064-BA8005		●					

FLUID A



► BACTERIOLOGICAL PEPTONE 0.1%

EP / USP

For use as rinsing and/or diluting fluid for membrane filtration methods according to USP and harmonized European Pharmacopoeia 9.0.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR							
				FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR	
10 flasks with 100 ml	☐	Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap + shrink wrapped plastic sleeve	064-BA8012				●				
10 flasks with 100 ml	☐	Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap	064-BA6002				●				
10 flasks with 200 ml	☐	Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap + shrink wrapped plastic sleeve	064-BA8013				●				
10 flasks with 300 ml	☐	Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap	064-BA8047				●				
10 flasks with 450 ml	☐	Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap	064-BA3071				●				
6 flasks with 600 ml	☐	Injectable cap: Plastic screw inner cap	064-BA8133				●				
6 flasks with 850 ml	☐	Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap	064-BA8103				●				

FLUID A 0.1% + BUFFER



064-BA7037

EP / USP

Diluent (buffer peptone water 0.1% without NaCl) for the homogenization of samples for the microbiological examination according to the European Pharmacopoeia Harmonised Method 9.0 and USP 33- NF 28.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR							
				FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR	
10 flasks with 100 ml	☐	Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap + shrink wrapped plastic sleeve	064-BA7037				●				
10 flasks with 300 ml	☐	Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap + shrink wrapped plastic sleeve	064-BA7052				●				

FLUID D



► PEPTONE POLYSORBATE

064-BA0001

EP / USP

For use as rinsing and/or diluting fluid for membrane filtration methods according to USP and harmonized European Pharmacopoeia 9.0.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR							
				FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR	
10 flasks with 100 ml	☐	Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap + shrink wrapped plastic sleeve	064-BA0001				●				
10 flasks with 300 ml	☐	Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap	064-BA6006				●				

*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

FLUID K



064-BA8085 EP / USP

Diluent for the homogenization of samples for the microbiological examination according to the European Pharmacopoeial Harmonised Method.

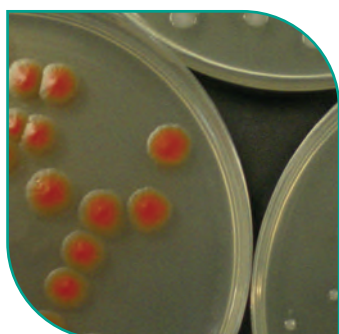
PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR
10 flasks with 450 ml		Plastic screw inner cap + elastomer septum + protective outer cap	064-BA8085	●
10 flasks with 300 ml		Plastic screw inner cap + elastomer septum + protective outer cap	064-BA8048	●

FOOD & BEVERAGES
WATER
CLINICAL
PHARMA
COSMETICS
ENVIRONMENTAL
MOLECULAR

FRASER LISTERIA ENRICHMENT BROTH, see LISTERIA ENRICHMENT BROTH FRASER, page 76

FTM, see THIOGLYCOLLATE FLUID MEDIUM, page 110

GBS MODIFIED AGAR



064-PA2117

Selective solid medium for the isolation and primary identification of *Streptococcus agalactiae* from clinical specimens.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
20 plates of 90 mm Ø		064-PA2117	●

FOOD & BEVERAGES
WATER
CLINICAL
PHARMA
COSMETICS
ENVIRONMENTAL
MOLECULAR

GC AGAR BASE







01-310

Particularly suitable base medium for the isolation and cultivation of fastidious microorganisms.

This base serves to prepare different medium:

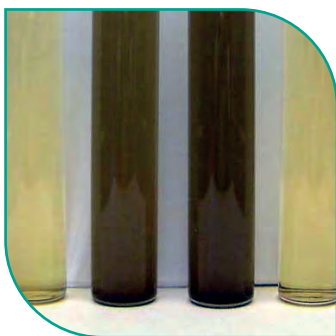
- **Chocolate Agar:** Medium for growth of pathogens such as *Haemophilus influenzae*. This medium has to be boiled for the typical dark chocolate. You need addition of blood.
- **Thayer Martin Agar (TMA):** Medium for the isolation of *Neisseria*. Necessary to add supplements to the base medium:
 - Haemoglobin
 - VCNT Selective Supplement (Art. No. 06-142LYO1): 1 vial per 500 ml average basis.
 - GPS - Growth Promotion Supplements (Art. No. 06-144LYO1): 1 vial 500 ml each medium base. (This added supplement improves cell recovery stressed).
- **Transgrow Agar:** Medium for cultivation and transportation of *Neisseria*. Is the same as the TMA but dispensed in tubes and solidified horizontally.

► **NOTE:** For ready-to-use medium in Petri dish format, see **Thayer Martin VCNT**, page 109.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
500 g*		01-310-500	●
VCNT Selective Supplement. 10 vials.		06-142LYO1	●
GPS - Growth Promotion Supplements. 5 Freeze-dried vials + 5 Rehydration vials		06-144LYO1	●
10 vials. VCAT Selective Supplement		06-141LYO1	●

FOOD & BEVERAGES
WATER
CLINICAL
PHARMA
COSMETICS
ENVIRONMENTAL
MOLECULAR

GIOLITTI-CANTONI BROTH

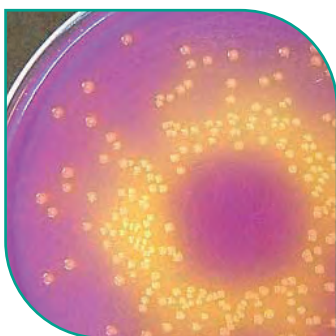


02-230
EN / IDF / ISO

Liquid medium used for the recovery and enumeration of low numbers of coagulase-positive staphylococci in foods according to ISO 5944, FIL-IDF and EN standards. Needs 1% Potassium Tellurite Sterile Solution Additive (Art. No. 06-089).

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		02-230-500	●						
5x500 ml	☐		02-230BA05	●						
20 tubes with 10 ml	∩	Double concentration Ink labelled tubes and metallic-non injectable cap	064-TA0191	●						
20 tubes with 19 ml	∩	Ink labelled tubes and metallic cap	064-TA0190	●						
100 ml Potassium Tellurite 1% Sterile Solution (Additive)	☐		06-089-100	●						

**GLUCOSE BROMOCRESOL
PURPLE AGAR**



01-502
ISO

Solid medium for the confirmation of enterobacteria in diverse samples according to ISO 8523, 4702, 21528-1 and 21528-2 standards.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		01-502-500	●						
5x500 ml	☐		01-502BA05	●						
20 tubes with 7 ml	∩	Ink labelled tubes and metallic cap	064-TA8288	●						

**GLUCOSE PEPTONE
CHLORAMPHENICOL
AGAR (GP AGAR
WITH ANTIBIOTIC)**



01-692
ISO

Solid culture medium used for enumeration of yeast and mould in cosmetics according to the ISO 16212 standard.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-692-500					●		

GN BROTH, see GRAM NEGATIVE BROTH, page 66



*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.



GRAM NEGATIVE BROTH (GN BROTH)

➤ HAJNA BROTH ➤ GN ENRICHMENT BROTH ➤ GN BROTH

02-093
COMPF

Liquid culture medium for enteric bacteria according to the formulation of Hajna.



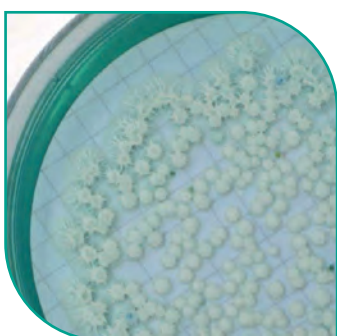
PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*		02-093-500	●						
5x500 ml		02-093BA05	●						



m-GREEN AGAR

➤ M-GREEN YEAST & MOULD AGAR

01-633
ISO

Solid selective culture medium for enumeration of fungi according to ISO 10718 standard.



PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*		01-633-500	●	●					
30 plates of 55 mm Ø		064PF0089P	●	●					




m-GREEN BROTH

➤ M-GREEN YEAST & MOULD BROTH

02-633
ISO

Liquid selective culture medium used for the enumeration of fungi according to ISO 10718 standard.



PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*		02-633-500		●					
5x500 ml		02-633BA05		●					
50 vials of 2 ml		064-CT0001		●					



GVPC, see LEGIONELLA SELECTIVE (GVPC) AGAR (ISO), page 73

HAEMOPHILUS TEST AGAR BASE (HTM)

➤ HTM AGAR ➤ HAEMOPHILUS TEST MEDIUM AGAR BASE ➤ HAEMOPHILUS TEST MEDIUM

01-706

Solid medium for sensitivity testing of *Haemophilus influenzae* and *H. parainfluenzae* to antibiotics and other antimicrobials by the agar diffusion technique. Needs Haemophilus HTM Supplement (Art. No. 06-155LY01).

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*		01-706-500	●						
Haemophilus HTM Supplement. 10 vials		06-155LY01	●						

HC AGAR BASE



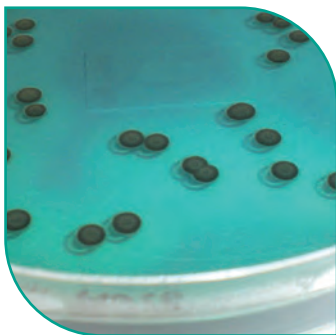
01-298

Selective solid medium for the enumeration of yeast and molds in cosmetic products.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	📦	01-298-500					●		

HEKTOEN ENTERIC AGAR

- HE AGAR
- HEA



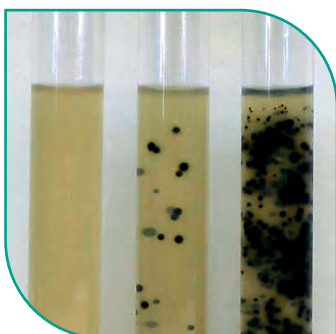
01-216 ISO

Solid, selective and differential culture medium for isolation of pathogenic enterobacteria from contaminated samples according to ISO 21567 standard.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	📦	01-216-500	●		●				
5x500 ml	📦	01-216BA05	●		●				
20 plates of 90 mm Ø	📦	064-PA0014	●		●				
30 contact plates	📦	064-PR0012	●		●				

HTM, see HAEMOPHILUS TEST AGAR BASE on previous page

IRON SULFITE MODIFIED AGAR



01-634 ISO / NMKL

Solid differential medium used for the enumeration of sulfite-reducing bacteria from foods and animal feeding stuffs according to ISO 15213 standard.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	📦		01-634-500	●					●	
5x500 ml	📦		01-634BA05	●					●	
10 flasks with 200 ml	📦	Metallic-non injectable cap	064-BA7080	●					●	



*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

K AGAR



01-674
IFU

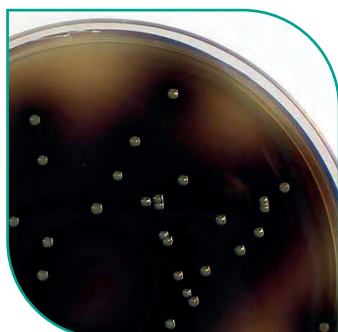
Selective solid medium used for the isolation of *Alicyclobacillus acidoterrestris*, in fruit juices according to IFU standard method No. 12.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-674-500	●						
5x500 ml	☐	01-674BA05	●						

KAA AGAR, see KANAMYCIN ESCULIN AZIDE AGAR below

KAA BROTH, see KANAMYCIN ESCULIN AZIDE BROTH below

KANAMYCIN ESCULIN AZIDE AGAR (KAA AGAR)



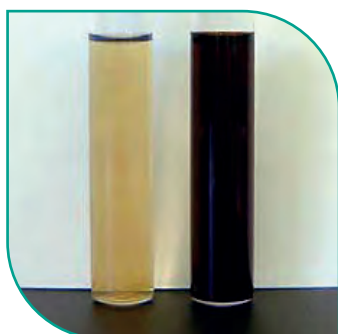
► KAA AGAR

01-263
COMPF

Solid medium for confirmative detection and isolation of Lancefield's group D streptococci in food samples.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-263-500	●	●		●			

KANAMYCIN ESCULIN AZIDE BROTH (KAA BROTH)



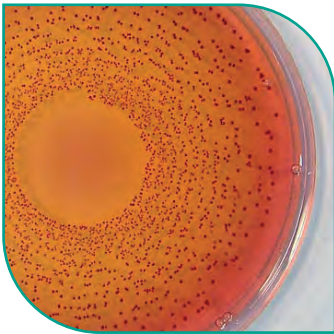
► KAA BROTH

02-263
COMPF

Liquid medium for the presumptive detection of Lancefield's group D streptococci in food samples.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		02-263-500	●						
20 tubes with 9 ml	☐	Ink labelled tubes and metallic cap	064-TA0197	●						

KENNER FECAL AGAR (KF AGAR)



➤ KF AGAR

01-294
COMPF / SMWW

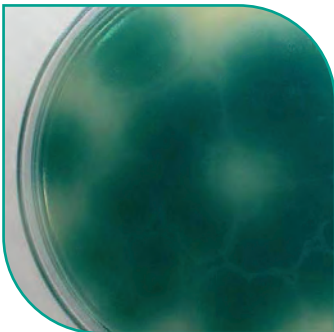
Solid and selective medium for enterococci enumeration and detection. Needs TTC Sterile Solution 1% (Art. No. 06-023).

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-294-500	●	●					
TTC 1% Sterile Solution. 100 ml	☐	06-023-100	●	●					
30 plates of 55 mm Ø	☐	064-PF0701	●	●					

KF AGAR, see KENNER FECAL AGAR above

KIA, see KLIGLER IRON AGAR, page 70

KING A AGAR (P AGAR)



➤ PIGMENT PRODUCTION AGAR A
➤ PS MEDIUM A
➤ PSP

➤ TECH AGAR
➤ KING A MEDIUM

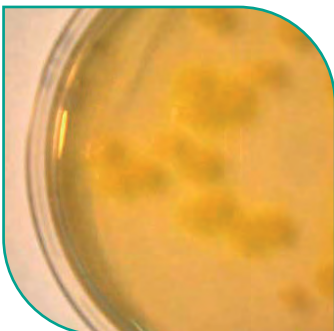
➤ PSEUDOMONAS AGAR MEDIUM FOR DETECTION OF PYOCYANIN
➤ P AGAR

01-001
ISO / USP

Solid medium to enhance the pyocyanin production by *Pseudomonas aeruginosa* according to ISO 16266 and 22717 standards. This medium needs to add glycerol (Art. No. GL0026100).

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-001-500	●	●		●	●		
5x500 ml	☐	01-001BA05	●	●		●	●		
Glycerol (Additive). 1 litre	☐	GL00261000	●	●		●	●		

KING B AGAR (F AGAR)



➤ PIGMENT PRODUCTION AGAR B
➤ PS MEDIUM B

➤ FLUORESCIN AGAR
➤ F AGAR

➤ FLO AGAR
➤ PSEUDOMONAS AGAR MEDIUM FOR DETECTION OF FLUORESCIN

01-029
DIN / EN / ISO / USP

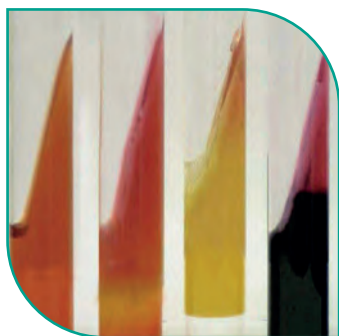
Culture media for enhancing the fluorescein production by *Pseudomonas spp.* according to DIN 38411, EN 12780 and ISO 6266, 22717 standards. This medium needs to add glycerol (Art. No. GL00261000).

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-029-500		●		●	●		
5x500 ml	☐	01-029BA05		●		●	●		
Glycerol (Additive). 1 litre	☐	GL00261000		●		●	●		



*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

KLIGLER IRON AGAR (KIA)



➤ KIA

➤ IRON AGAR

➤ KLIGLER'S IRON AGAR

01-103 ISO

Solid differential medium for primary identification of enterobacteria based on the fermentation of two sugars and the hydrogen sulfide production according to ISO 6340 standard.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR							
				FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR	
500 g*	☐		01-103-500	●		●					
5x500 ml	☐		01-103BA05	●		●					
20 tubes with 7.5 ml of slanted agar	⌋	Metalic cap	064-TA0116	●		●					

LACTOSE BROTH



02-105

AOAC / COMPF / EP / ISO / SMWW / USP

Medium for pre-enrichment and detection of enterobacteria and coliforms in milk and water according to ISO 9308-2 and 21150 standards.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR						
				FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		02-105-500	●	●	●	●	●	●	●
5x500 ml	☐		02-105BA05	●	●	●	●	●	●	●
10 flasks with 90 ml	☐	Aluminium screw outer cap + Elastomer inner septum and Durham tube	0BA3024-90	●	●	●	●	●	●	●
10 flasks with 90 ml	☐	Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap + shrink wrapped plastic sleever	0BA3029-90	●	●	●	●	●	●	●
10 flasks with 90 ml	☐	Non injectable cap	0BA3929-90	●	●	●	●	●	●	●
10 flasks with 100 ml	☐	Metalic-non injectable cap	064-BA3029	●	●	●	●	●	●	●
20 tubes with 10 ml	⌋	Metalic-non injectable cap, double concentration with Durham tube	064-TA2141	●	●	●	●	●	●	●
20 tubes with 10 ml	⌋	Metalic-non injectable cap and Durham tube	064-TA2142	●	●	●	●	●	●	●

LACTOSE BROTH PHENOL RED (DOUBLE CONCENTRATION+ DURHAM TUBE)

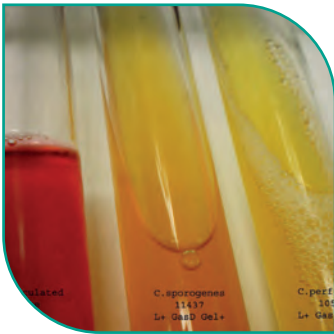
064-BA7042

APHA / ISO / USP

Liquid culture medium, suitable for lactose fermentation studies according to ISO 9308-2 and 21150 standards. This medium contains double concentration and includes a Durham tube in each flask.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR						
				FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
10 flasks with 50 ml	☐	Metalic-non injectable cap, double concentration and Durham tube	064-BA7042	●			●	●		

LACTOSE GELATIN MEDIUM

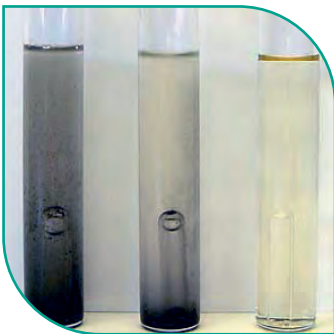


03-632 ISO

Solid medium used for the biochemical confirmation of *Clostridium perfringens*, according to ISO 7937 standard.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	03-632-500	●						

LACTOSE SULFITE BROTH BASE



➤ CLS BASE

➤ MEDIUM R EUR. PHARM. 5TH ED.

02-519 ISO

Liquid medium for the determination of H₂S production by *Clostridium perfringens* according to ISO 7937 standard. This medium you need supplements:

- Sodium disulphite Selective Supplement (Art. No. 06-114LYO1): 1 vial per 500 ml of medium.
- Ammonium Ferric Citrate Supplement (312 mg) (Art. No. 06-113LYO1): 1 vial per 500 ml medium.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		02-519-500	●			●			
20 tubes with 9 ml	↓	Ink labelled tubes and metallic-non injectable cap with Durham tube	064-TA0846	●			●			
Ferric Ammonium Citrate Supplement (312 mg). 10 vials	☐		06-113LYO1	●			●			
Sodium disulphite Selective Supplement. 10 vials	☐		06-114LYO1	●			●			

m-LAURYL SULFATE AGAR



01-524

Solid medium for the isolation and enumeration of coliform organisms and *E. coli* from water by membrane filtration.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-524-500		●					



*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

LAURYL SULFATE MUG BROTH



APHA / IDL / ISO

Liquid medium used for the detection and enumeration of coliform bacteria according to IDF-FIL 73B and ISO 4831 and 7251 standards.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR
20 tubes with 9 ml	⊞	Ink labelled tubes with Durham tube and metallic-Non injectable cap	064-TA1260	FOOD & BEVERAGES WATER CLINICAL PHARMA COSMETICS ENVIRONMENTAL MOLECULAR

LB AGAR (MILLER)



01-385

Solid medium for general purposes and recommended for use in molecular genetics studies of *Escherichia coli*.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
500 g*	⊞	01-385-500	FOOD & BEVERAGES WATER CLINICAL PHARMA COSMETICS ENVIRONMENTAL MOLECULAR
5x500 ml	⊞	01-385BA05	FOOD & BEVERAGES WATER CLINICAL PHARMA COSMETICS ENVIRONMENTAL MOLECULAR

LB BROTH



02-384

Liquid medium used for general purposes, especially recommended for molecular genetics studies of *Escherichia coli*.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
500 g*	⊞	02-384-500	FOOD & BEVERAGES WATER CLINICAL PHARMA COSMETICS ENVIRONMENTAL MOLECULAR

LB BROTH (LENNOX)

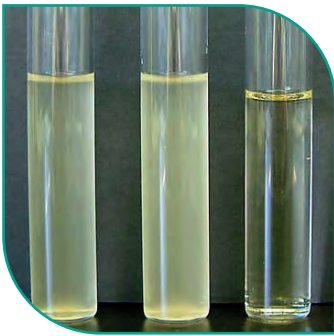


02-406

Liquid medium used for general purposes, especially recommended for molecular genetics studies with *Escherichia coli*.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
500 g*	⊞	02-406-500	FOOD & BEVERAGES WATER CLINICAL PHARMA COSMETICS ENVIRONMENTAL MOLECULAR

LB BROTH (MILLER)



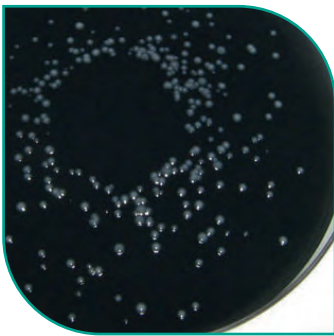
02-385

Liquid medium for general purposes, recommended for molecular genetics studies of *Escherichia coli*.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
500 g*	☐	02-385-500	●
5x500 ml	☐	02-385BA05	●

FOOD & BEVERAGES
WATER
CLINICAL
PHARMA
COSMETICS
ENVIRONMENTAL
MOLECULAR

LEGIONELLA SELECTIVE (GVPC) AGAR (ISO)



➤ CYE ➤ GVPC

064-PA0017
ISO

Solid medium base used for the detection, isolation and enumeration of *Legionella* from water according to the ISO standards 11731 and 11731-2. Needs Legionella GVPC Selective Supplement (Art. No. 06-138LY01). This medium contains cystein.

➤ See **BCYE Legionella Agar Base**, page 42.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
500 g*	☐	01-687-500	● ● ●
5x500 ml	☐	01-687BA05	● ● ●
20 plates of 90 mm Ø	☉	064-PA0017	● ● ●
Legionella BCYE Growth Supplement. 5 vials + 5 vials of solvent	☐	06-137LY01	● ● ●
Legionella GVPC Selective Supplement. 10 vials	☐	06-138LY01	● ● ●

FOOD & BEVERAGES
WATER
CLINICAL
PHARMA
COSMETICS
ENVIRONMENTAL
MOLECULAR

LETHEEN AGAR



➤ AOAC LETHEEN AGAR

➤ TGE W: LECITHIN W. TWEEN® 80

01-236
AOAC / ASTM / BAM

Solid medium for assays of antimicrobial action of Quaternary Ammonium Compounds (QAC's). Needs Polisorbate 80 additive (Art. No. TW0080).

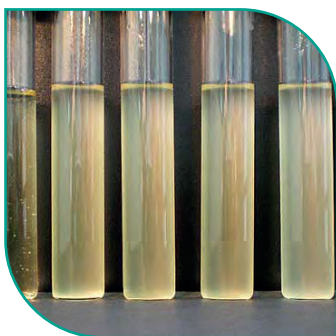
PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR
500 g*	☐		01-236-500	●
10 flasks with 100 ml	☐	Non injectable cap	064-BA3019	●
Polysorbate 80 (additive). 100 ml	☐		TW00800100	●

FOOD & BEVERAGES
WATER
CLINICAL
PHARMA
COSMETICS
ENVIRONMENTAL
MOLECULAR



*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

LETHEEN BROTH



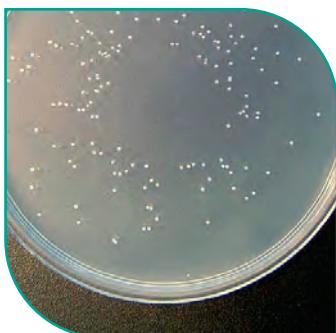
02-236

AOAC / ASTM

Liquid culture medium used for the determination of germicidal activity coefficients of cationic detergents. Needs Polysorbate 80 additive (Art. No. TW0080).

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR								
				FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR		
500 g*	☐		02-236-500									
5x500 ml	☐		02-236BA05									
10 flasks with 100 ml	☐	Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap + shrink wrapped plastic sleeve	064-BA3018									
10 flasks with 450 ml	☐	Metalic-non injectable cap	064-BA5018									
20 tubes with 9 ml	☐	Ink labelled tubes and metallic cap	064-TA6100									
Polysorbate 80 (Additive). 100 ml	☐		TW00800100									

LETHEEN MODIFIED AGAR



01-237

ASTM / BAM / FDA / ISO / USP

Solid medium for the primary screening of microorganisms in cosmetics according to the FDA and ISO 21149, 22717 and 22718 standards. Needs Polisorbate 80 additive (Art. No. TW0080).

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR							
				FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR	
500 g*	☐		01-237-500								
5x500 ml	☐		01-237BA05								
20 plates of 90 mm Ø	☐		064-PA0047								
10 flasks with 100 ml	☐	Metalic-non injectable cap	064-BA8001								
10 flasks with 200 ml	☐	Injectable cap: Plastic screw inner cap. The use of syringes needles with a diameter greater than 0.8 mm is not recommended	064-BA1043								
Polysorbate 80 (additive). 100 ml	☐		TW00800100								

LETHEEN MODIFIED BROTH



02-237

ASTM / FDA / ISO / USP

FDA recommends liquid medium for the primary recovery of stressed microorganisms in the microbial examination of cosmetics. According to ISO 21149, 22717 and 22718 standards. Needs Polysorbate 80 additive (Art. No. TW0080).

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR							
				FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR	
500 g*	☐		02-237-500								
5x500 ml	☐		02-237BA05								
10 flasks with 90 ml	☐	Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap + shrink wrapped plastic sleeve	0BA2145-90								
10 flasks with 300 ml	☐	Metalic-non injectable cap	064-BA8002								
20 tubes with 5 ml	☐	Ink labelled tubes and metallic cap	064-TA8283								
20 tubes with 9 ml	☐	Ink labelled tubes and metallic cap	064-TA6070								
Polysorbate 80 (additive). 100 ml	☐		TW00800100								

LETHEEN MODIFIED BROTH (FDA)



064-BA8017
FDA

Liquid medium for the primary recovery of stressed microorganisms in the microbial examination of cosmetics.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR
10 flasks with 90 ml		Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap + shrink wrapped plastic sleeve	064-BA8017	● FOOD & BEVERAGES ● WATER ● CLINICAL ● PHARMA ● COSMETICS ● ENVIRONMENTAL ● MOLECULAR

LIA, see LYSINE IRON AGAR, page 78

LIEBERMEISTER & BRAVENY AGAR



01-446

Solid medium for the selective isolation of β -hemolytic streptococci in throat samples.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
500 g*		01-446-500	● FOOD & BEVERAGES ● WATER ● CLINICAL ● PHARMA ● COSMETICS ● ENVIRONMENTAL ● MOLECULAR

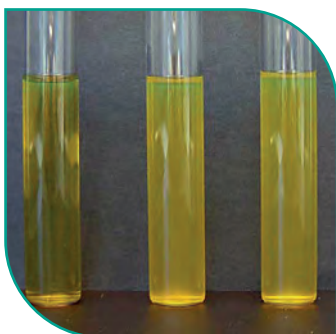
LINDEN GRAIN BROTH

02-745

Liquid medium for media fill process simulation for beverage bottling, to test for low acid beverage spoiling microorganisms.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
500 g*		02-745-500	● FOOD & BEVERAGES ● WATER ● CLINICAL ● PHARMA ● COSMETICS ● ENVIRONMENTAL ● MOLECULAR

LISTERIA ENRICHMENT BROTH BASE (LOVETT)



02-498

APHA / BAM / IDF

Liquid culture medium for the enrichment of *Listeria*, according to Lovett et al. Needs Listeria Supplement for Selective Enrichment according to FDA/IDF (Art. No. 06-107LYO1).

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
500 g*		02-498-500	● FOOD & BEVERAGES ● WATER ● CLINICAL ● PHARMA ● COSMETICS ● ENVIRONMENTAL ● MOLECULAR
5x500 ml		02-498BA05	● FOOD & BEVERAGES ● WATER ● CLINICAL ● PHARMA ● COSMETICS ● ENVIRONMENTAL ● MOLECULAR
Listeria FDA FIL/IDF Selective Supplement. 10 vials		06-107LYO1	● FOOD & BEVERAGES ● WATER ● CLINICAL ● PHARMA ● COSMETICS ● ENVIRONMENTAL ● MOLECULAR



*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

LISTERIA ENRICHMENT BROTH BASE (UVM)



02-472 AOAC / APHA

Liquid culture medium for the enrichment of *Listeria spp.* This medium requires the addition of Listeria UVM I Selective Supplement (Art. No. 06-106LYO1) for primary enrichment or Listeria Selective Supplement (UVM II / Fraser) for secondary enrichment (Art. No. 06-111LYO1).

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR	SECTOR
500 g*	☐	02-472-500	●							
5x500 ml	☐	02-472BA05	●							
Listeria UVM I Selective Supplement. 10 vials.	☐	06-106LYO1	●							
Listeria Selective Supplement for Secondary Enrichment (UVM II / Fraser). 10 vials	☐	06-111LYO1	●							

LISTERIA ENRICHMENT BROTH FRASER



02-496 ISO

Liquid culture medium for primary enrichment and detection of *Listeria spp.* according to ISO 11290 standard. Supplements necessary to add to the base medium if you want to prepare for Enrichment Broth Base Listeria according Fraser:

- Listeria UVM II Selective Supplement (Art. No. 06-111LYO1): 1 vial to supplement 500 ml of broth.
- Ammonium Ferric Citrate Supplement (Art. No. 06-112LYO1): 1 vial to supplement 500 ml of broth, or
- Listeria Fraser / UVM II Selective Supplement (Art. No. 06-790LYO1): 1 vial to supplement 500 ml of broth (This supplement is ammonium ferric citrate included).

Medium preparations Fraser Listeria Enrichment Broth (Base) have included supplements.

If you want to prepare Media Listeria Half Concentration Enrichment Broth Fraser should add the following supplements:

- Half Fraser Listeria Selective Supplement - 225 ml (Art. No. 06-136LYO1): 1 vial to supplement 225 ml of broth, or
- Half Fraser Listeria Sel. Supplement - 500 ml (Art. No. 06-145LYO1): 1 vial to supplement 500 ml of broth.

Medium preparations Listeria Enrichment Broth Half Concentration Fraser have included supplements.

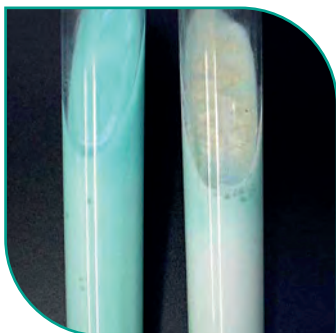
► **You must use connector (Art. No. 064-V70815) for bags.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR	SECTOR
500 g*	☐		02-496-500	●							
5x500 ml	☐		02-496BA05	●							
5 bags of Half Fraser Broth - 2 litres**	☐		064-BA02-2	●							
3 bags of Half Fraser Broth - 3 litres**	☐		064-BA02-3	●							
2 bags of Half Fraser Broth - 5 litres**	☐		064-BA02-5	●							
10 flasks of Fraser Broth - 225 ml	☐	White thermo resistant polypropylene cap	064-BA5001	●							
10 flasks of Half Fraser Broth - 225 ml	☐	White thermo resistant polypropylene cap	064-BA5002	●							
20 tubes of 10 ml	☐	Ink labelled tubes and metallic-non injectable cap	064-TA1125	●							
20 tubes of 9 ml	☐	Ink labelled tubes and metallic-non injectable cap	064-TA5002	●							
Listeria UVM II Selective Suppl. 10 vials	☐		06-111LYO1	●							
Ferric Ammonium Citrate Supplement. 10 vials	☐		06-112LYO1	●							
Listeria Half Fraser Selective Suppl. - 225 ml. 10 vials	☐	1 vial to supplement 225 ml of broth	06-136LYO1	●							
Listeria Half Fraser Selective Suppl. - 500 ml. 10 vials	☐	1 vial to supplement 500 ml of broth	06-145LYO1	●							
Listeria Fraser / UVM II Selective Supplement. 10 vials	☐		06-790LYO1	●							

LISTERIA OTTAVIANI & AGOSTI AGAR, see LISTERIA OTTAVIANI & AGOSTI AGAR MICROINSTANT®, page 130

LOVETT (LISTERIA ENRICHMENT BROTH BASE), see LISTERIA ENRICHMENT BROTH BASE (LOVETT), page 75

LÖWENSTEIN-JENSEN MEDIUM BASE



02-627

Medium for the culture and differentiation of species of *Mycobacterium* spp.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR
500 g*	☐		02-627-500	●
20 tubes with 6.5 ml of slanted agar	⌋	Ink labelled tubes and metallic cap	064-TA0165	●

FOOD & BEVERAGES
WATER
CLINICAL
PHARMA
COSMETICS
ENVIRONMENTAL
MOLECULAR

LÖWENSTEIN-JENSEN PYRUVATE MEDIUM



064-TA0166

Medium supplemented with pyruvate for the culture and differentiation of species of *Mycobacterium*. It allows a good growth of *Mycobacterium bovis*.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR
20 tubes with 6.5 ml of slanted agar	⌋	Ink labelled tubes and metallic cap	064-TA0166	●

FOOD & BEVERAGES
WATER
CLINICAL
PHARMA
COSMETICS
ENVIRONMENTAL
MOLECULAR

LST, see TRYPTOSE LAURYL SULFATE MODIFIED BASE BROTH, page 118

LYSINE AGAR



01-323

Synthetic and differential medium for the isolation, cultivation and enumeration of wild yeast in the brewing industry.

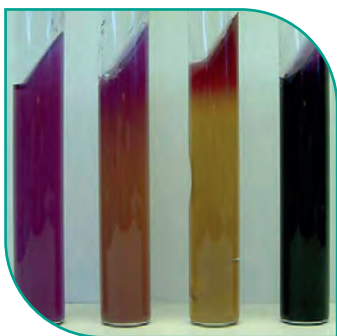
PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR
500 g*	☐		01-323-500	●
10 flasks with 100 ml	⌋	Metallic-non injectable cap	064-BA1191	●

FOOD & BEVERAGES
WATER
CLINICAL
PHARMA
COSMETICS
ENVIRONMENTAL
MOLECULAR



*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

LYSINE IRON AGAR (LIA)



► LIA

01-094

AOAC / APHA / COMPF / SMD

Differential medium for Enterobacteria, recommended by Edwards and Ewing for *Salmonella* and *Arizona arizonae* (now known as *Salmonella choleraesuis* subsp. *arizonae*) identification.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		01-094-500	●		●				
5x500 ml	☐		01-094BA05	●		●				
20 tubes with 7.5 ml of slanted agar	⌋	Ink labelled tubes and metallic cap	064-TA0117	●		●				

M17 AGAR

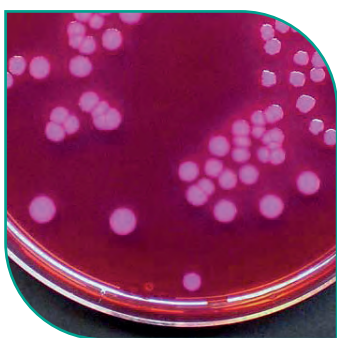
01-245

IDF / ISO

Solid selective medium for the enumeration of *Streptococcus thermophilus* in yoghurt samples according to ISO 7889 and 9232 and IDF 117 and 146 standards.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		01-245-500	●						
10 flasks with 100 ml	⌋	Metalic-non injectable cap	064-BA8003	●						

MACCONKEY AGAR (EUR. PHARM.)



01-118

AOAC / BAM / COMPF / EP / HP / ISO / SMWW / USP

Selective and differential medium used in the detection, isolation and enumeration of *Salmonella* and coliforms in clinical specimens according to the Pharmacopoea Harmonized Methodology and in foodstuffs specimens according to ISO 21150 standard.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		01-118-500	●	●	●	●			●
5x500 ml	☐		01-118BA05	●	●	●	●			●
20 plates of 90 mm Ø	☉		064-PA0019	●	●	●	●	●		●
30 contact plates	☒		064-PR0011	●	●	●	●	●		●
10 flasks with 100 ml	⌋	Non injectable cap	064-BA1003	●	●	●	●	●		●
9 flasks with 450 ml	⌋	Metalic-non injectable cap	064-BA8038	●	●	●	●	●		●

MACCONKEY BROTH



02-118

AOAC / ISO / SMWW

Liquid medium used for the detection and enumeration of coliforms by MPN technique.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	02-118-500	●	●					●
5x500 ml	☐	02-118BA05	●	●					●

MACCONKEY BROTH (EUR. PHARM.)



➤ MEDIUM G

➤ MEDIUM G EUR. PHARM. 5TH ED.

➤ MEDIUM 6

02-611 EP / HP / USP

Liquid medium, for the detection and enumeration of coliforms, according to the Pharmacopeial Harmonised Method.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		02-611-500	●	●		●			
5x500 ml	☐		02-611BA05	●	●		●			
10 flasks with 100 ml	☐	Metalic-non injectable cap	064-BA2143	●	●		●			
20 tubes with 9 ml	↑	Ink labelled tubes with Durham tube and metallic-Non injectable cap	064-TA2135	●	●		●			

MACCONKEY NO. 2 AGAR

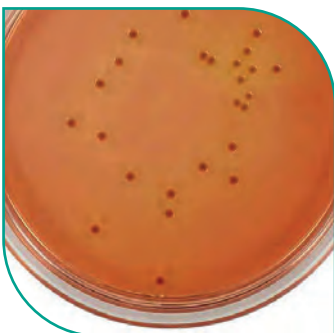


01-682

A modification of MacConkey Agar containing bile salts No. 2 for the identification of enterococci.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-682-500	●	●					

MACCONKEY SORBITOL AGAR (MODIFIED)



➤ SMAC AGAR

01-729 FDA / ISO

Selective and differential solid medium for the detection of Enterohaemorrhagic *Escherichia coli* (EHEC O157: H7) according to ISO 16654 standard.

To obtain the CT-SMAC Agar (according to ISO 16654 standard) add CT SMAC Selective Supplement (Art. No. 06-146LYO1).

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-729-500	●						
5x500 ml	☐	01-729BA05	●						
CT SMAC Selective supplement. 10 vials	☐	06-146LYO1	●						

MALT EXTRACT AGAR (BLAKESLEE)

01-672 IFU

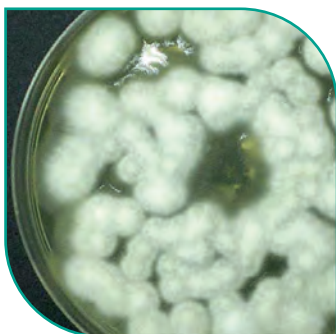
Solid medium to achieve typical growth and sporulation of fungi according to methodology of CBS and IFU.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-672-500	●						



*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

MALT EXTRACT AGAR NO. 1

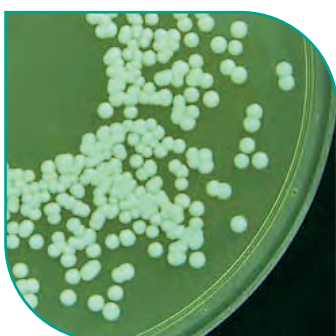


01-111 BAM / COMPF

Solid culture medium for the isolation and enumeration of fungi, with gelatin peptone.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-111-500	●						
5x500 ml	☐	01-111BA05	●						

MALT EXTRACT AGAR NO. 2

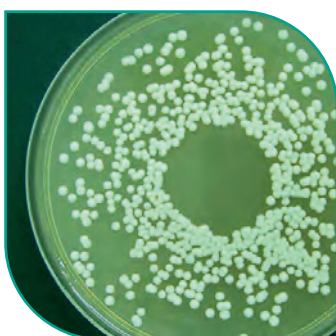


01-573

Solid culture medium for the isolation and enumeration of fungi, with soy peptone.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-573-500	●					●	
5x500 ml	☐	01-573BA05	●					●	

MALT EXTRACT AGAR NO. 3



01-574 BAM

Solid culture medium for the isolation and enumeration of fungi, with mycological peptone.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		01-574-500	●					●	
20 plates of 90 mm Ø	☉		064-PA0027	●					●	
30 contact plates	☐☐☐		064-PR0031	●					●	
10 flasks with 100 ml	☒	Metallic-non injectable cap	064-BA7036	●					●	

MALT EXTRACT BROTH NO. 1

02-111 BAM / COMPF

Liquid medium for moulds and yeast.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	02-111-500	●						

MALT EXTRACT BROTH NO. 2



02-491

Liquid culture medium for yeasts and moulds according to the modification of Reis for *Aspergillus flavus*.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	02-491-500	●						

MANNITOL MOTILITY TEST



064-TA0159

Medium for the verification of motility and mannitol fermentation in enterobacteria.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
20 tubes with 9 ml	⊥	Ink labelled tubes and metallic cap	064-TA0159			●				

MANNITOL SALT AGAR, see CHAPMAN AGAR, page 53

MARINE AGAR



01-291

Solid culture medium for heterotrophic marine bacteria.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-291-500	●	●					



*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

MAXIMUM RECOVERY DILUENT (MRD)



- UNIVERSAL DILUENT ► MRD ► SALINE PEPTONE WATER

02-510 ISO

Isotonic diluent for the maximal recovery of stressed microorganisms according to ISO 6887-1, 8261, 21149, 21150, 22717 and 22718 standards.

- **You must use connector (Art. No. 064-V70815) for bags.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		02-510-500	●	●		●			
5x500 ml	☐		02-510BA05	●	●		●			
3 bags of 3 litres**	☐		064-BA04-3	●	●		●			
2 bags of 5 litres**	☐		064-BA04-5	●	●		●			
10 flasks with 90 ml	☐	Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap + shrink wrapped plastic sleeve	064-BA0733	●	●		●			
20 tubes with 9 ml	↑	Ink labelled tubes and metallic cap	064-TA6074	●	●		●			

METHYL RED VOGES PROSKAUER BROTH (MRVP BROTH)



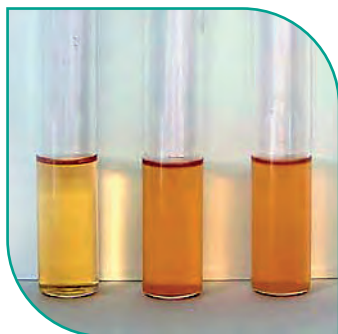
- CLARKS LUBS MEDIUM ► MRVP BROTH

02-207 AOAC / BAM / IDF / ISO / SL

Classic liquid medium used for differential tests (Voges-Proskauer and Methyl Red) in Enterobacteriaceae according to ISO 6579, 6585 and FIL-IDF 181 standards.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		02-207-500	●		●				
5x500 ml	☐		02-207BA05	●		●				
20 tubes with 10 ml	↑	Ink labelled tubes and metallic cap	064-TA0261	●		●				

METHYL RED VOGES PROSKAUER SALINE BROTH



- MRVP SALINE BROTH

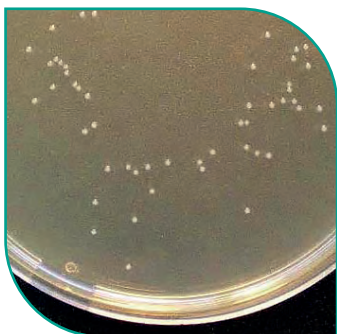
02-456

Liquid culture medium for Methyl Red and Voges-Proskauer (VP) tests in marine bacteria.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	02-456-500	●						

m-FC AGAR, see FECAL COLIFORMS AGAR, page 62

MICROBIAL CONTENT TEST AGAR



➤ TSA WITH LECITHIN AND TWEEN®

➤ TSA LECITHIN & POLYSORBATE

01-613

APHA / COMPF / SMD

Solid medium for sampling of surfaces of sanitary importance with contact plates technique.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-613-500					●	●	
5x500 ml	☐	01-613BA05					●	●	

MINERAL MODIFIED GLUTAMATE AGAR BASE



01-659

APHA / COMPF / IDF / ISO

Solid medium for resuscitation and recovery of *Escherichia coli* damaged cells by heat, freezing or chemical process according to FIL-IDF and ISO 11866-2 and 16649-1 standards. Needs ammonium chloride (Art. No. AM0273) and Sodium Glutamate (Art. No. SO0400) additives.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-659-500	●						
5x500 ml	☐	01-659BA05	●						
Ammonium chloride (Additive), 500 g	☐	AM02730500	●						
Sodium glutamate (Additive), 500 g	☐	SO04000500	●						

MINERAL MODIFIED GLUTAMATE MEDIUM BASE



02-656
ISO

Liquid medium for the selective enrichment of *E. coli* according to ISO 16649-3 standard. Needs ammonium chloride (Art. No. AM0273) and monosodium glutamate (Art. No. SO0400) additives.

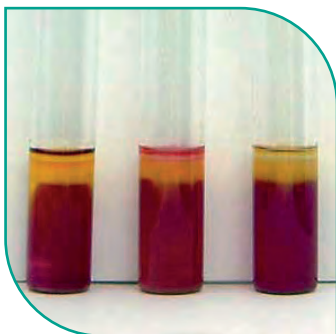
PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		02-656-500	●						
5x500 ml	☐		02-656BA05	●						
20 tubes with 10 ml	☐	Ink labelled tubes and metallic-non injectable cap, with Durham tubes	064-TA8312	●						
20 tubes with 10 ml	☐	Ink labelled tubes and metallic-non injectable cap, double concentration with Durham tubes	064-TA8311	●						
Ammonium chloride (Additive), 500 g	☐		AM02730500	●						
Sodium glutamate (Additive), 500 g	☐		SO04000500	●						

MIO FLUID MEDIUM, see MOTILITY INDOL ORNITHINE FLUID MEDIUM, page 84



*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

MOTILITY INDOL ORNITHINE FLUID MEDIUM (MIO)



► MIO

03-422
BAM

Medium used for the demonstration of motility, indol production and the ornithine-decarboxylase activity of enterobacteria.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR
500 g*	☐		03-422-500	●
20 tubes with 9 ml	↓	Ink labelled tubes and metallic cap	064-TA0119	●

FOOD & BEVERAGES
WATER
CLINICAL
PHARMA
COSMETICS
ENVIRONMENTAL
MOLECULAR

MOTILITY INDOLE UREA



064-TA2170

Semisolid medium used for the identification of members of the family Enterobacteriaceae by detecting motility, indole and urea.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR
20 tubes with 9 ml	↓	Ink labelled tubes and metallic cap	064-TA2170	● ●

FOOD & BEVERAGES
WATER
CLINICAL
PHARMA
COSMETICS
ENVIRONMENTAL
MOLECULAR

MOTILITY NITRATE MEDIUM



03-612
BAM / FDA / ISO

Fluid medium used for the identification of *Clostridium perfringens* according to ISO 7937 standard.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
500 g*	☐	03-612-500	●
5x500 ml	☐	03-612BA05	●
Glycerol (Additive). 1 litre	☐	GL00261000	●

FOOD & BEVERAGES
WATER
CLINICAL
PHARMA
COSMETICS
ENVIRONMENTAL
MOLECULAR

MRD, see MAXIMUM RECOVERY DILUENT, page 82

MRS AGAR



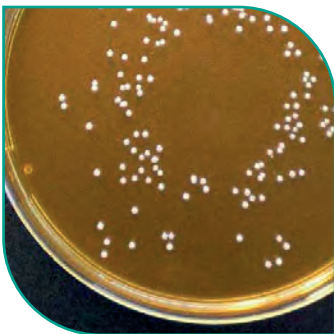
► LACTOBACILLI MRS AGAR

01-135
ISO

Solid culture medium for detection, isolation and cultivation of lactobacilli and other lactic acid bacteria from food and beverages according to de Man, Rogosa and Sharpe according to ISO 9332 and 15214 standards.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		01-135-500	●					●	
5x500 ml	☐		01-135BA05	●					●	
20 plates of 90 mm Ø	☉		064-PA0007	●					●	
10 flasks with 100 ml	☒	Metalic-non injectable cap	064-BA2130	●					●	
10 flasks with 200 ml	☒	Metalic-non injectable cap	064-BA0582	●					●	

MRS AGAR (ISO)



01-803
IDF / IFU / ISO

Solid medium for the culture of lactic acid bacteria according to de Man, Rogosa and Sharpe, modified according to ISO 9232, 15214 and 20128 standards and IFU No. 5 and 9 methods.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-803-500	●						

MRS BROTH



► LACTOBACILLI MRS BROTH

► MAN ROGOSE SHARPE BROTH

02-135
IDF / IFU / ISO

Liquid culture medium for the isolation of lactobacilli, according to de Man, Rogosa and Sharpe according to ISO 9232 standard.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		02-135-500	●	●	●				
5x500 ml	☐		02-135BA05	●	●	●				
20 tubes with 9 ml	☒		064-TA8300	●	●	●				
20 tubes with 10 ml	☒	Ink labelled tubes and metallic-non injectable cap	064-TA0173	●	●	●				



*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

MRS, BROTH (NON PORCINE ORIGEN)



02-135H
ISO

Liquid culture medium for enrichment of lactobacilli without derivatives of porcine animal origin according to ISO 9232 standard.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	02-135H500	●						

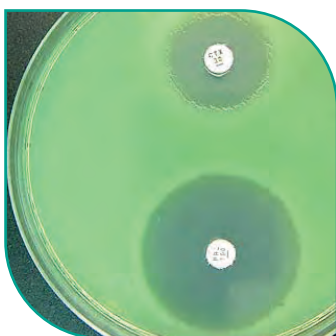
MRVP BROTH, see METHYL RED VOGES PROSKAUER BROTH, page 82

MRVP SALINE BROTH, see METHYL RED VOGES PROSKAUER SALINE BROTH, page 82

MSRV, see RAPPAPORT VASSILIADIS MODIFIED SEMISOLID MEDIUM BASE, page 98

MUELLER-HINTON AGAR

► M-H AGAR



01-136
BAM / CLSI (NCCLS)

Recommended medium used to perform Antibiotic and Sulphonamide sensitivity testing with pathogenic microorganisms from clinical specimens, according to the Kirby-Bauer and Ericsson methodology.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		01-136-500			●	●			
5x500 ml	☐		01-136BA05			●	●			
20 plates of 90 mm Ø	☉		064-PA0020			●	●			
10 flasks with 100 ml	☒	Non injectable cap	064-BA1004			●	●			

MUELLER-HINTON BLOOD AGAR



064-PA0021
BAM / CLSI

Widely recommended medium for antibiotic and Sulphonamides susceptibility testing, according to the Kirby-Bauer and the Ericsson methods.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
20 plates of 90 mm Ø	☉	064-PA0021			●	●			

MUELLER-HINTON BROTH

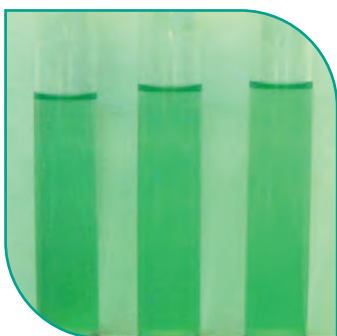


02-136
CLSI (NCCLS) / CMPH

Liquid version of the agar, recommended for studies of antibiotic MIC (Minimum Inhibitory Concentration).

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR						
			FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	02-136-500			●				
5x500 ml	☐	02-136BA05			●				

MÜLLER-KAUFFMANN TETRATHIONATE BROTH BASE



➤ MKTTN ➤ TETRATHIONATE ACCORDING TO MÜLLER-KAUFFMANN BROTH

02-335
DIN / FDA / IDF / ISO / USP

Medium used for the selective enrichment of salmonellae, according to ISO 6579, 6785 and 3565 standards. Needs an iodine/iodide solution (Art. No. 064-V11108) and Brilliant Green-Novobiocin (Art. No. 06-017LY01) Selective Supplement.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR						
				FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		02-335-500	●		●				
5x500 ml	☐		02-335BA05	●		●				
10 flasks with 100 ml	☐	Non injectable cap	064-BA1024	●		●				
20 tubes with 10 ml	☐	Ink labelled tubes and metallic-non injectable cap	064-TA1024	●		●				
Brilliant Green Selective Supplement with Novobiocin. 10 vials	☐		06-017LY01	●		●				
Iodine potassium iodide solution (To be added to the prepared medium). 50 ml	☐	1 box with a bottle 60 ml. Topaz	064-V11108	●		●				

MYP AGAR, see BACILLUS CEREUS AGAR, page 40

NEUTRALIZING BROTH (APHA)



064-BA7051
APHA / EP / USP

Diluent with neutralisers for the homogenization of samples according to the American Public Health Association.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR						
				FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
10 flasks with 200 ml	☐	Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap + shrink wrapped plastic sleeve	064-BA7051				●	●		



*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

NEUTRALIZING FLUID



02-512 EP

Liquid medium for neutralizing antimicrobials, according to the European Pharmacopoeia. Needs Polysorbate 80 (Art. No. TW0080) additive.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR									
			FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR			
500 g*	☐	02-512-500										
5x500 ml	☐	02-512BA05										
Polysorbate 80 (Additive). 100 ml	☐	TW00800100										

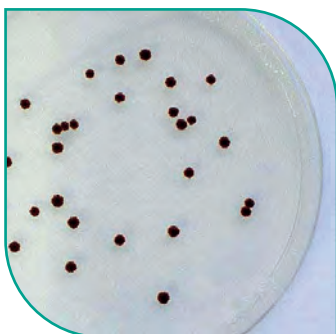
NEUTRALIZING SPECIAL BROTH

02-583

Liquid medium used for the neutralisation of preservatives in cosmetics and pharmaceutical products. Needs Polysorbate 80 (Art. No. TW0080) additive.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR									
			FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR			
500 g*	☐	02-583-500										
Polysorbate 80 (Additive). 100 ml	☐	TW00800100										

NICKERSON AGAR



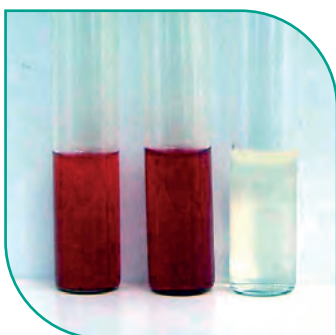
➤ BIGGY AGAR ➤ NICKERSON AGAR ➤ BISMUTH GLYCINE GLUCOSE YEAST AGAR ➤ NICKERSON CANDIDA SELECTIVE AGAR

01-137

Culture medium for the isolation and identification of *Candida* spp.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR									
			FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR			
500 g*	☐	01-137-500										
5x500 ml	☐	01-137BA05										
20 plates of 90 mm Ø	☐	064-PA0018										

NITRATE BROTH

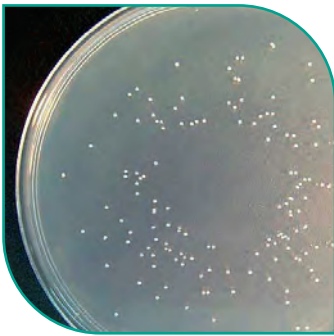


02-138 BAM / COMPF / ISO

Liquid culture medium used for verifying the nitrate reducing ability of enterobacteria according to ISO 7932 standard.







PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR									
			FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR			
500 g*	☐	02-138-500										
20 tubes of 10 ml	☐	064-TA0128										

NUTRIENT AGAR

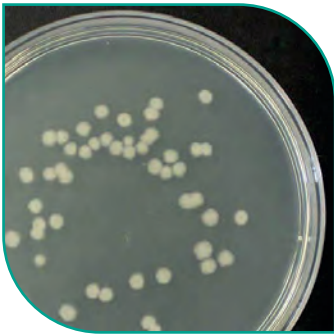


01-140 BAM / BP / EN / ISO

Solid culture medium for general purpose use with less fastidious organisms according to ISO 8914-1, 16266 and EN 12780 standards.



PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR						
				FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*			01-140-500	●	●	●				
5x500 ml			01-140BA05	●	●	●				
20 plates of 90 mm Ø			064-PA0059	●	●	●				
30 plates of 55 mm Ø			064-PF0001	●	●	●				
10 flasks with 100 ml		Metallic-non injectable cap	064-BA1035	●	●	●				
20 tubes with 15 ml		Ink labelled tubes and metallic-non injectable cap	064-TA2144	●	●	●				

NUTRIENT AGAR (APHA, ISO)

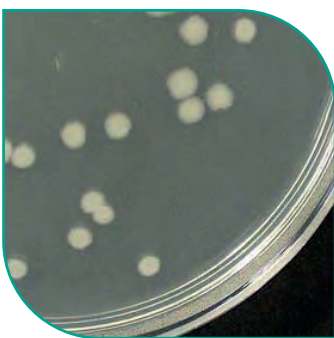


01-144 COMPF / EP / ISO

Solid culture medium for general purpose use according to ISO 6579, 6785 and 10273 standards and APHA.



PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR						
			FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*		01-144-500	●	●			●		
5x500 ml		01-144BA05	●	●			●		

NUTRIENT AGAR (ISO)



01-635 ISO

General purpose solid culture medium according to ISO 21528 standard.



PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR						
			FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*		01-635-500	●						
5x500 ml		01-635BA05	●						

NUTRIENT BROTH (APHA)



02-144 APHA / ISO

A general purpose liquid culture medium for non-fastidious microorganisms according to APHA and ISO 6340, 6569, 6785, 8523, 10273 and 16266 standards.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR						
			FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*		02-144-500	●	●		●			
5x500 ml		02-144BA05	●	●		●			





*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

NUTRIENT BROTH (B.P.H.)



02-140
BP

A general purpose liquid culture medium for non-fastidious microorganisms, according to the British Pharmacopoeia.


PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
500 g*		02-140-500	●
5x500 ml		02-140BA05	●

FOOD & BEVERAGES
WATER
CLINICAL
PHARMA
COSMETICS
ENVIRONMENTAL
MOLECULAR

NUTRITIVE NO. 1 BROTH

02-501

Liquid medium for cultivation of fastidious bacteria.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
500 g*		02-501-500	● ● ●

FOOD & BEVERAGES
WATER
CLINICAL
PHARMA
COSMETICS
ENVIRONMENTAL
MOLECULAR

O/F MEDIUM see OXIDATION-FERMENTATION FLUID MEDIUM BASE, page 91

OFBBL AGAR, see *Burkholderia cepacia* SELECTIVE AGAR BASE, page 51

OGYEA, see SABOURAUD OXYTETRACYCLINE AGAR, page 104




ORANGE SERUM AGAR

► OSA



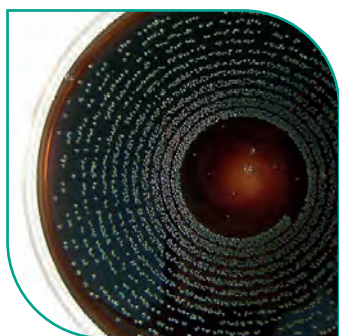
01-698
IFU

Solid medium for the culture of aciduric organisms especially those associated with the spoilage of citrus products and their derivatives according to IFU Method No 2, 6, 7 and 10 standards.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR
500 g*			01-698-500	●
20 plates of 90 mm Ø			064-PA7035	●
10 flasks with 200 ml		Metalic-non injectable cap	064-BA7161	●




FOOD & BEVERAGES
WATER
CLINICAL
PHARMA
COSMETICS
ENVIRONMENTAL
MOLECULAR

OXFORD AGAR BASE



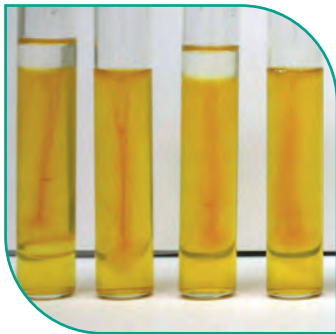
01-471
ISO

Solid, selective and differential medium for the detection, enumeration and isolation of *Listeria spp.* according to ISO 11290-1 and 11290-2 standards. This medium need to add Oxford Agar Selective Supplement (Art. No. 06-127LYO1).

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
500 g*		01-471-500	●
5x500 ml		01-471BA05	●
Oxford Selective Supplement. 10 vials		06-127LYO1	●

FOOD & BEVERAGES
WATER
CLINICAL
PHARMA
COSMETICS
ENVIRONMENTAL
MOLECULAR

OXIDATION-FERMENTATION FLUID MEDIUM BASE (O/F MEDIUM)



- O/F ENTERIC MEDIUM
- O/F MEDIUM

- O/F BASAL MEDIUM ACCORDING TO HUGH & LEIFSON
- HUGH & LEIFSON MEDIUM

03-037
AOAC / BAM / CMPH / COMPF

Fluid medium used for determining the oxidative and/or fermentative metabolism of Gram negative bacilli. This medium need to add sterile Vaseline (Art. No. 06-077-100) for anaerobic conditions.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR						
				FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		03-037-500	●						
20 tubes with 10 ml	⌋	Ink labelled tubes and metallic cap (medium base with glucose included)	064-TA0129	●		●				
Sterile vaseline. 100 ml	☐		06-077-100	●		●				

OXIDATION-FERMENTATION GLUCOSE MEDIUM

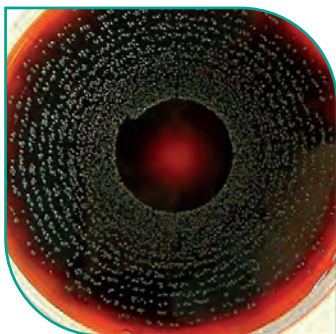


064-TA8327
AOAC / CMPH / ISO

Fluid medium used for determining the oxidative and/or fermentative metabolism of Gram negative bacilli (*Enterobacteriaceae*) according to ISO 21528-1 and 21528-2 standards. This medium need to add sterile Vaseline (Art. No. 06-077-100) for anaerobic conditions.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR						
				FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
20 tubes with 10 ml	⌋	Ink labelled tubes and metallic cap (medium with glucose included)	064-TA8327	●		●				
Sterile vaseline. 100 ml	☐		06-077-100	●		●				

PALCAM AGAR BASE



01-470
ISO

Solid, selective and differential medium for the detection, enumeration and isolation of *Listeria spp.* according to ISO 11290-1 and 11290-2 standards. Needs Palcam Agar Selective Supplement (Art. No. 06-110LYO1).

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR						
			FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-470-500	●						
5x500 ml	☐	01-470BA05	●						
20 plates of 90 mm Ø	☉	064-PA0070	●						
Palcam Selective Supplement for Listeria. 10 vials	☐	06-110LYO1	●						

PCA, see PLATE COUNT AGAR, page 94

PCA MODIFIED, see PLATE COUNT MODIFIED AGAR, page 94

PCA SKIM MILK AGAR, see PLATE COUNT SKIM MILK AGAR, page 95

PDA, see POTATO DEXTROSE AGAR, page 95

i *For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

PDB, see POTATO DEXTROSE BROTH, page 95

PEMBA, see BACILLUS CEREUS SELECTIVE AGAR, page 40

PEPTONE WATER, see TRYPTONE WATER, page 116

PEPTONE WATER, ALKALINE




► MEDIA M10

02-468

ISO

Enrichment medium for enrichment and recovery of *Vibrio spp.* from various samples, formulated according to ISO 8914.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
10 flasks with 225 ml		Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap + shrink wrapped plastic sleeve	064-BA6065	●						

PEPTONE WATER, ALKALINE SALINE




► ASPW

02-697

COMPF / ISO / SMWW

Liquid culture medium for the pre-enrichment and selective enrichment of potentially enteropathogenic vibrios, in food samples, according to ISO/TS 21872-1 and 21872-2.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*		02-697-500	●	●					

PEPTONE WATER, PHOSPHATE-BUFFERED see BUFFERED PEPTONE PHOSPHATE WATER, page 48

PEPTONE WATER, SALINE, see MAXIMUM RECOVERY DILUENT, page 82

PEPTONE WATER, SALT

02-497

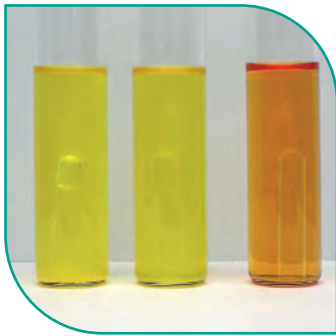
Liquid medium for pre-enrichment of bacteria, in particular pathogenic members of enterobacteriaceae from food and clinical samples.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*		02-497-500	●						



*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

PHENOL RED BROTH BASE



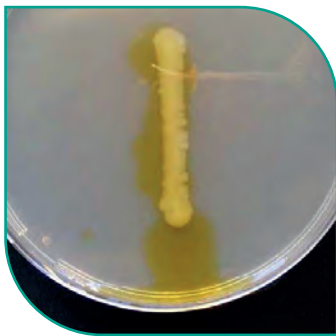
02-032

APHA / BAM / COMPF / FDA / ISO

Liquid culture medium, suitable for sugar and other substrate fermentation studies according to ISO 10273 and 22964 standards.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	02-032-500			●	●			

PHENYLALANINE AGAR (PPA)



► PA MEDIUM

► PPA

01-083

CMPH

Culture medium for Enterobacteriaceae, according to Ewing et al, for detecting the ability of the *Proteus* genus to convert phenylalanine into phenilpiruvic acid. Requires the addition of 0.2 ml of a 10% solution of ferric chloride.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		01-083-500			●				
5x500 ml	☐		01-083BA05			●				
20 tubes with 6.2 ml of slanted agar	⌋	Ink labelled tubes and metallic cap	064-TA0112			●				

PHOSPHATE BUFFERED SALINE (PBS) pH 7.2



Phosphate solution used in microbiological procedures.

PBS pH 7.2

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
10 flasks with 90 ml	☐	Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap + shrink wrapped plastic sleeve	064-BA7070			●	●			
10 flasks with 100 ml	☐	Metalic-non injectable cap	064-BA0103	●		●	●	●	●	●
10 flasks with 300 ml	☐	Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap + shrink wrapped plastic sleeve	064-BA7069			●	●			
20 tubes with 1 ml	⌋	Ink labelled tubes and metallic-non injectable cap	064-TA0103			●	●	●		●
20 tubes with 9 ml	⌋	Ink labelled tubes and metallic cap	064-TA0104			●	●	●		●

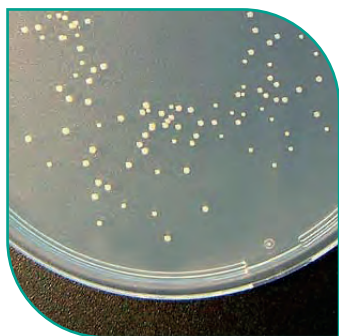
PBS pH 7.2 POLYSORBATE 5%

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
10 flasks with 300 ml	☐	Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap + shrink wrapped plastic sleeve	064-BA7067			●				



*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

PLATE COUNT AGAR (PCA)



- TRIPTICASE GLUCOSE YEAST AGAR
- TGY
- TGY AGAR

- STANDARD METHODS AGAR
- SMA

- SM AGAR
- PCA

01-161

BAM / COMPF / IDF / IFU / ISO / USP

Medium for aerobic plate counts by the surface inoculation method (standard Plate Count Agar) according to ISO 4833, 8552, 17410 and IFU No. 6 standards.

- TLHTh (Polysorbate 80 - Lecithin - Histidine - Sodium Thiosulphate).

















PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR						
				FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*			01-161-500	●	●	●	●	●	●	●
5x500 ml			01-161BA05	●	●	●	●	●	●	●
20 plates of 90 mm Ø			064-PA0024	●	●	●	●	●	●	●
20 plates of 90 mm Ø, with TTC, triple packaging			064-PA0144	●	●	●	●	●	●	●
20 plates of 90 mm Ø, irradiated, double packaging			064PA0024I	●	●	●	●	●	●	●
30 plates of 55 mm Ø			064-PF0007	●	●	●	●	●	●	●
24 contact plates triple packaging			064-PR0041	●	●	●	●	●	●	●
24 contact plates, TLHTh, triple packaging			064-PR0039	●	●	●	●	●	●	●
30 contact plates, irradiated			064-PR0001	●	●	●	●	●	●	●
30 contact plates, TLHTh, irradiated, double packaging			064-PR0020	●	●	●	●	●	●	●
80 contact plates, irradiated, triple packaging			064PRB0043	●	●	●	●	●	●	●
80 contact plates, TLHTh, irradiated, triple packaging			064PRB0044	●	●	●	●	●	●	●
10 flasks with 100 ml		Metallic-non injectable cap	064-BA1005	●	●	●	●	●	●	●
10 flasks with 200 ml		Metallic cap	064-BA3038	●	●	●	●	●	●	●
10 flasks with 450 ml		Metallic-non injectable cap	064-BA8112	●	●	●	●	●	●	●
20 tubes with 15 ml			064-TA0325	●	●	●	●	●	●	●

PLATE COUNT MODIFIED AGAR



- PCA MODIFIED

01-329

BAM / COMPF / IDF / IFU / ISO / USP

Modification of Plate Count Agar (Art. No. 01-161) with a lesser amount of agar, specially recommended for aerobic enumeration by the poured plate method according to ISO 4833, 8552 and 17410 standards.



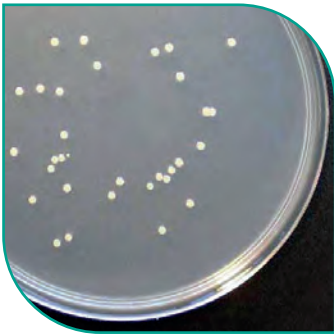
PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR						
			FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*		01-329-500							●
5x500 ml		01-329BA05							●

PLATE COUNT SKIM MILK AGAR



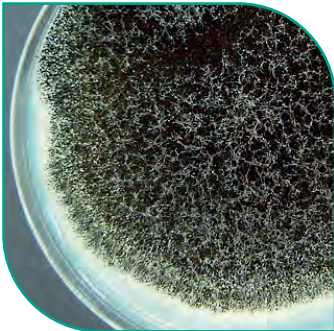
► PCA SKIM MILK AGAR

01-412
APHA / DIN / IDF / IFU / ISO

Solid medium for the plate count of milk and dairy products, according to DIN, FIL/IDF and ISO 4833, 8552 and 17410 standards.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		01-412-500	●						
5x500 ml	☐		01-412BA05	●						
10 flasks with 100 ml	☒	Metalic-non injectable cap	064-BA2120	●						
10 flasks with 200 ml	☒	Metalic-non injectable cap	064-BA3057	●						

POTATO DEXTROSE AGAR (EUR. PHARM.)



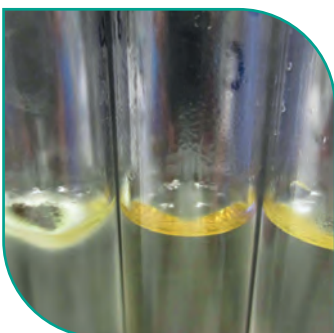
► PDA

01-483
BAM / COMPF / EP / HP / ISO / USP

Culture medium used for the detection and enumeration of fungi in food, dairy products and other samples according to the Pharmacopeial Harmonised and ISO 16212 and 18146 standards.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		01-483-500	●		●	●			
5x500 ml	☐		01-483BA05	●		●	●			
20 plates of 90 mm Ø	☒		064-PA0015	●		●	●			
30 plates of 55 mm Ø	☒		064-PF6029	●		●	●			
10 flasks with 100 ml	☒	Metalic-non injectable cap	064-BA3063	●		●	●	●	●	●
10 flasks with 200 ml	☒	Metalic-non injectable cap	064-BA8032	●		●	●			

POTATO DEXTROSE BROTH



► PDB

02-483
BAM / COMPF / SMD

Liquid culture medium for the maintenance and multiplication of yeasts.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	02-483-500	●			●			
5x500 ml	☐	02-483BA05	●			●			



PRESTON *CAMPYLOBACTER* AGAR BASE



01-451

A general purpose medium-base that when appropriately supplemented can be used as a selective medium for *Campylobacter*.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	📦	01-451-500	●						
Campylobacter Preston Selective Supplement. 10 vials	📦	06-130LY01	●						
Campylobacter Preston Modified Selective Supplement. 10 vials	📦	06-135LY01	●						

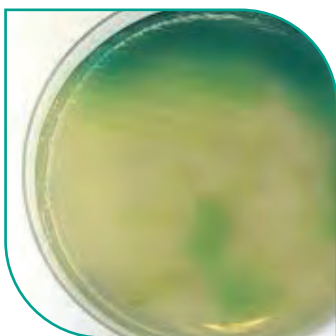
PRESTON *CAMPYLOBACTER* BROTH BASE

02-561

Liquid medium for general use, with a high concentration of nutrients.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	📦	02-561-500	●						
Campylobacter Preston Selective Supplement. 10 vials	📦	06-130LY01	●						
Campylobacter Preston Modified Selective Supplement. 10 vials	📦	06-135LY01	●						

PSEUDOMONAS AGAR BASE (ISO)



01-728

EN / ISO

Selective medium for *Pseudomonas* species when adding the Selective Supplement CFC (Art. No. 06-726LY01) according to ISO 13720 standard.

For selective medium according to the EN 12780 and ISO 16266 standard, add 2 vials of the Selective Supplement CN (Art. No. 06-742LY01).

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	📦	01-728-500	●	●					
CFC Selective Supplement. 10 vials	📦	06-726LY01		●					
CN Selective Supplement. 10 vials	📦	06-742LY01		●					

PSEUDOMONAS CFC AGAR

► CFC AGAR



01-728

EN / ISO

Selective medium for isolation of *Pseudomonas spp.* in meat and meat products according to EN 13720 and 16266 standards.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	📦	01-728-500	●						
20 plates of 90 mm Ø	📦	064-PA6044	●		●				
CFC Selective Supplement. 10 vials	📦	06-726LY01	●						

PURPLE BROTH BASE

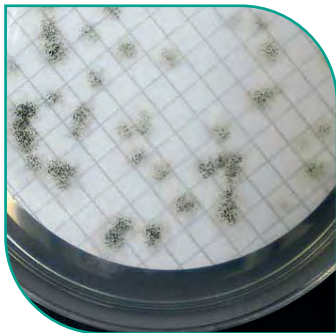


02-663 ISO

Broth base used for the biochemical differentiation of *Shigella* spp., based on carbohydrate fermentation according to ISO 21567 standard.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	02-663-500	●						

R2A AGAR



01-540 EP / HP / ISO / SMWW

Solid medium for the enumeration of heterotrophic microorganisms in treated waters according to Pharmacopoeial Harmonised Method.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		01-540-500	●	●					
5x500 ml	☐		01-540BA05	●	●					
20 irradiated plates of 90 mm Ø	☉		064PA0072I	●	●					
20 irradiated plates of 90 mm Ø triple packaging	☉		064-PA0172	●	●					
30 plates of 55 mm Ø	☐		064-PF0072	●	●					
10 flasks with 100 ml	☒	Metallic-non injectable cap	064-BA0072	●	●					

RCA, see REINFORCED CLOSTRIDIAL AGAR, page 99

RCM, see REINFORCED CLOSTRIDIAL MEDIUM, page 99

RAKA RAY AGAR



01-801

Solid selective medium used for the detection and isolation of lactic acid bacteria in the beer and brewing process.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-801-500	●						



*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

RAPPAPORT VASSILIADIS BROTH






➤ RAPPAPORT VASSILIADIS R10 BROTH

➤ RVS BROTH

02-379

AOAC / BAM / COMPF / IDF / ISO

Liquid medium for the selective enrichment of *Salmonella* in foodstuffs and other samples, according to ISO 6579, 6785 and FIL-IDF standards.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*			02-379-500	●		●				
5x500 ml			02-379BA05	●		●				
20 tubes with 10 ml		Ink labelled tubes and metallic-non injectable cap	064-TA0198	●	●	●				

RAPPAPORT VASSILIADIS MODIFIED SEMISOLID MEDIUM BASE






➤ MSRV

03-376

ISO

Semisolid medium used for the isolation of motile strains of *Salmonella* according to ISO 6579 standard. This medium need to add Novobiocin Selective Supplement (Art. No. 06-139LY01).

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*		03-376-500	●						
5x500 ml		03-376BA05	●						
Novobiocine Selective Supplement (10 mg), 10 vials		06-139LY01	●						





RAPPAPORT VASSILIADIS SALMONELLA ENRICHMENT BROTH



02-668

EP / HP / ISO / USP

Selective liquid medium used for the enrichment of *Salmonella* according to the Pharmacopoeial Harmonised Method and ISO 6340 and USP 33- NF 28 standards.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*			02-668-500		●		●			
5x500 ml			02-668BA05		●		●			
10 flasks with 90 ml in 125 ml		Metal-non injectable cap	064-BA6080		●		●			
20 tubes with 10 ml		Ink labelled tubes and metallic-non injectable cap	064-TA1198		●		●			

REINFORCED CLOSTRIDIAL AGAR



➤ RCA

01-289

Solid medium for the cultivation and enumeration of clostridia and other anaerobic bacteria.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		01-289-500	●	●	●				
20 tubes with 10 ml	⌋	Ink labelled tubes and metallic cap	064-TA0201	●	●	●				

REINFORCED CLOSTRIDIAL MEDIUM (EUR. PHARM.)



➤ RCM

➤ REINFORCED MEDIUM FOR CLOSTRIDIA

➤ MEDIUM P EUR. PHARM. 5TH ED.

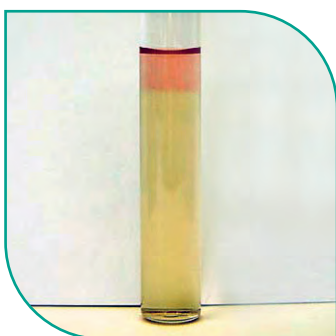
03-289

EP / HP / ISO / USP

Fluid medium for the cultivation and enumeration of clostridia by the MPN Technique according to the Pharmacopoeial Harmonised Method and ISO 10705-4 standard.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		03-289-500	●			●			
5x500 ml	☐		03-289BA05	●			●			
10 flasks with 100 ml	⌋	Metallic-non injectable cap	064-BA3051	●			●			

REINFORCED CLOSTRIDIAL MEDIUM DIFFERENTIAL (DRCM)



➤ DRCM

02-410

DIN / ISO

Liquid medium used for the enumeration of clostridia in food samples and other products using the MPN technique according to ISO 6461-1 standard.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	02-410-500	●	●	●				

RF-TLHC



064-BA4009

ISO

Widely used isotonic diluent in microbiology for maximum recovery of microorganisms formulated according to ISO 6887-1, 8261, 21149, 21150, 22717 and 22718, with neutralizing agents TLH (Polysorbate 80 - Lecithin - Histidine).

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
10 flasks with 100 ml	⌋	Metallic-non injectable cap	064-BA4009				●			



*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

RHAMNOSE BROTH



064-TA8315
FDA / ISO

Liquid medium to verify the utilization of rhamnose in fastidious microorganisms, such as *Listeria spp.*, according to ISO 11290.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR
20 tubes with 2 ml	⌋	Ink labelled tubes, metallic-Non injectable cap	064-TA8315	FOOD & BEVERAGES WATER CLINICAL PHARMA COSMETICS ENVIRONMENTAL MOLECULAR

RINGER, POWDER



06-073

Isotonic solution for the cellular suspensions.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR
500 g*	⊞		06-073-500	FOOD & BEVERAGES WATER CLINICAL PHARMA COSMETICS ENVIRONMENTAL MOLECULAR
10 flasks with 90 ml	⊞	Metalic-non injectable cap	064-BA3034	FOOD & BEVERAGES WATER CLINICAL PHARMA COSMETICS ENVIRONMENTAL MOLECULAR
6 flasks with 500 ml	⊞	Injectable cap: Plastic screw inner cap + elastomer septum	064-BA8019	FOOD & BEVERAGES WATER CLINICAL PHARMA COSMETICS ENVIRONMENTAL MOLECULAR
20 tubes with 9 ml	⌋	Ink labelled tubes and metallic cap	064-TA2159	FOOD & BEVERAGES WATER CLINICAL PHARMA COSMETICS ENVIRONMENTAL MOLECULAR
20 tubes with 10 ml	⌋	Ink labelled tubes and metallic cap	064-TA2120	FOOD & BEVERAGES WATER CLINICAL PHARMA COSMETICS ENVIRONMENTAL MOLECULAR

ROSE BENGAL CHLORAMPHENICOL AGAR



- ROSE BENGAL CHLORAMPHENICOL AGAR
- RBC AGAR

- ROSE BENGAL AGAR
- ROSE BENGAL-MALT EXTRACT AGAR

01-301

APHA / COMPF / MWW

Solid and selective medium for the isolation of yeasts and moulds from the environment and food products.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR
500 g*	⊞		01-301-500	FOOD & BEVERAGES WATER CLINICAL PHARMA COSMETICS ENVIRONMENTAL MOLECULAR
5x500 ml	⊞		01-301BA05	FOOD & BEVERAGES WATER CLINICAL PHARMA COSMETICS ENVIRONMENTAL MOLECULAR
20 plates of 90 mm Ø	⊞		064-PA0038	FOOD & BEVERAGES WATER CLINICAL PHARMA COSMETICS ENVIRONMENTAL MOLECULAR
30 contact plates, irradiated, double packaging	⊞		064-PR0007	FOOD & BEVERAGES WATER CLINICAL PHARMA COSMETICS ENVIRONMENTAL MOLECULAR
80 contact plates, irradiated, triple packaging	⊞		064PRB0091	FOOD & BEVERAGES WATER CLINICAL PHARMA COSMETICS ENVIRONMENTAL MOLECULAR
10 flasks with 100 ml	⊞	Non injectable cap	064-BA1009	FOOD & BEVERAGES WATER CLINICAL PHARMA COSMETICS ENVIRONMENTAL MOLECULAR
20 tubes with 15 ml	⌋	Ink labelled tubes and metallic-non injectable cap	064-TA2146	FOOD & BEVERAGES WATER CLINICAL PHARMA COSMETICS ENVIRONMENTAL MOLECULAR



*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

SABOURAUD BROTH (EUR. PHARM.)

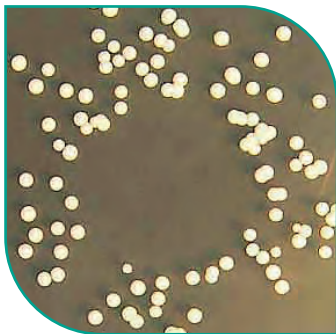


02-165 EP / HP / USP

Liquid medium for fungal isolation and sterility test according to the Pharmacopeial Harmonised Method.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR							
				FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR	
500 g*	☐		02-165-500	●			●				
5x500 ml	☐		02-165BA05	●			●				
10 flask with 100 ml of 125 ml	☐	Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap	064-BA0100	●			●				
20 tubes with 9 ml	☐	Ink labelled tubes and metallic cap	064-TA2148	●			●				

SABOURAUD CHLORAMPHENICOL AGAR



► SCA

01-166 EP / ISO

Solid culture medium for the isolation of fungi according to ISO 16212 and 18416 standards.

► TLHTh (Polysorbate 80 - Lecithin - Histidine - Sodium Thiosulphate).

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR						
				FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		01-166-500	●	●	●	●	●	●	●
5x500 ml	☐		01-166BA05	●	●	●	●	●	●	●
20 plates of 90 mm Ø	☐		064-PA0026	●	●	●	●	●	●	●
20 plates of 90 mm Ø, irradiated, double packaging	☐		064PA0026I	●	●	●	●	●	●	●
20 plates of 90 mm Ø, irradiated, triple packaging	☐		064-PA0137	●	●	●	●	●	●	●
30 plates of 55 mm Ø	☐		064-PF0022	●	●	●	●	●	●	●
30 contact plates, irradiated, double packaging	☐		064-PR0003	●	●	●	●	●	●	●
24 contact plates, irradiated, triple packaging	☐		064-PR0037	●	●	●	●	●	●	●
24 contact plates, irradiated, triple packaging	☐	Labelled RODAC plates with auto lock closure	64PR0037AL				●			
80 contact plates, irradiated, triple packaging	☐		064PRB0042	●	●	●	●	●	●	●
80 contact plates, TLHTh, irradiated, triple packaging	☐		064PRB0094	●	●	●	●	●	●	●
10 flasks with 100 ml	☐	Metalic-non injectable cap	064-BA1007	●	●	●	●		●	
10 flasks with 200 ml	☐	Metalic-non injectable cap	064-BA3039	●	●	●	●		●	
10 flasks of 475 ml	☐	Metalic-non injectable cap	BA1007-500	●	●	●	●	●	●	●
20 tubes with 6.2 ml of slanted agar	☐	Ink labelled tubes and metallic cap	064-TA0136	●	●	●	●	●	●	●
20 tubes with 15 ml	☐	Ink labelled tubes and metallic-non injectable cap	064-TA2160	●	●	●	●	●	●	●



*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

SABOURAUD CHLORAMPHENICOL GENTAMICIN CYCLOHEXIMIDE

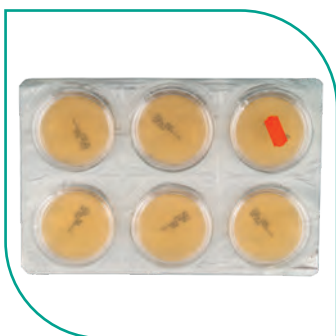


064-PA6125
EP / ISO / USP

Medium for the enumeration and cultivation of pathogenic fungi (Dermatophytes) according to USP 33-NF 28.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
20 plates of 90 mm Ø	☉	064-PA6125	FOOD & BEVERAGES WATER CLINICAL PHARMA COSMETICS ENVIRONMENTAL MOLECULAR

SABOURAUD CHLORAMPHENICOL MODIFIED AGAR



064-PR0035

Medium for the enumeration and cultivation of fungi with 0.1 g/l of chloramphenicol.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
24 contact plates, triple packaging	☉☉☉	064-PR0035	FOOD & BEVERAGES WATER CLINICAL PHARMA COSMETICS ENVIRONMENTAL MOLECULAR

SABOURAUD CHLORAMPHENICOL PENASE AGAR



064-PA3135
EP / HP / ISO / USP

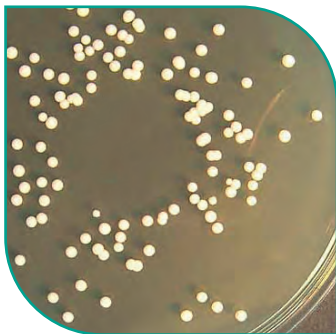
Medium for the enumeration and cultivation of fungi, according to harmonized pharmacopoeial monographs and test methods according to ISO 13681 standard.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR
20 plates of 90 mm Ø	☉	1 box with 2 cellophane bags with 10 plates/bag	064-PA3135	FOOD & BEVERAGES WATER CLINICAL PHARMA COSMETICS ENVIRONMENTAL MOLECULAR



*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

**SABOURAUD
DEXTRROSE AGAR**



➤ SDA

01-165

BAM / EP / HP / ISO / USP

Solid medium for the enumeration and cultivation of fungi according to the Pharmacopeial Harmonised Method and ISO 13681 standard. This medium need to add Chloramphenicol Selective Supplement (Art. No. 06-118-LYO1) and Oxytetracycline Selective Supplement (Art. No. 06-115LYO1).

➤ TLHTh (Polysorbate 80 - Lecithin - Histidine - Sodium Thiosulphate).

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR						
				FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		01-165-500	●	●	●	●	●	●	●
5x500 ml	☐		01-165BA05	●	●	●	●	●	●	●
20 plates of 90 mm Ø	☉		064-PA0025	●	●	●	●	●	●	●
20 plates of 90 mm Ø, irradiated, double packaging	☉		064PA0025I	●	●	●	●	●	●	●
20 plates of 90 mm Ø, irradiated, triple packaging	☉		064-PA0147	●	●	●	●	●	●	●
30 plates of 55 mm Ø	☐		064-PF0006	●	●	●	●	●	●	●
30 contact plates, irradiated, double packaging	☐☐		064-PR0002	●	●	●	●	●	●	●
24 contact plates, irradiated, triple packaging	☐☐☐		064-PR0062	●	●	●	●	●	●	●
80 contact plates, irradiated, triple packaging	☐☐☐		064PRB0092	●	●	●	●	●	●	●
10 flasks with 100 ml	☐	Metalic-non injectable cap	064-BA1006	●	●	●	●	●	●	●
10 flasks with 200 ml	☐	Metalic-non injectable cap	064-BA3007	●	●	●	●	●	●	●
10 flasks with 400 ml	☐	Metalic-non injectable cap	064-BA8132	●	●	●	●	●	●	●
20 tubes with 6.2 ml of slanted agar	☐	Ink labelled tubes and metallic cap	064-TA0135	●	●	●	●	●	●	●
20 tubes with 20 ml	☐	Ink labelled tubes and Non-injectable metallic cap	064-TA8301	●	●	●	●	●	●	●
Oxytetracycline Selective Supplement. 10 vials	☐		06-115LYO1	●	●	●	●	●	●	●
Chloramphenicol Selective Supplement. 10 vials	☐		06-118LYO1	●	●	●	●	●	●	●

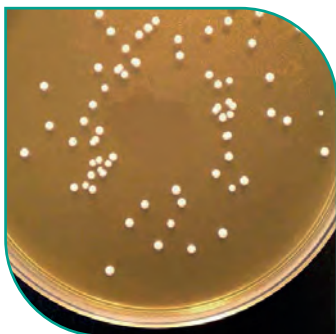
SDA + TLHTh

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR						
				FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
20 irradiated plates of 90 mm Ø with TLHTh	☉		064-PA0022	●	●	●	●	●	●	●
30 contact plates, TLHTh, irradiated, double packaging	☐☐	Labelled RODAC plates with auto lock closure	64PR0022AL				●			
30 contact plates, TLHTh, irradiated, double packaging	☐☐		064-PR0022	●	●	●	●	●	●	●
24 contact plates, TLHTh, irradiated, triple packaging	☐☐☐		064-PR0042	●	●	●	●	●	●	●
24 contact plates, TLHTh, irradiated, triple packaging	☐☐☐	Labelled RODAC plates with auto lock closure	64PR0042AL				●			
80 contact plates, TLHTh, irradiated triple packaging	☐☐☐		064PRB0041	●	●	●	●	●	●	●



*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

SABOURAUD OXYTETRACYCLINE AGAR (OGYEA)



➤ OXYTETRACYCLINE-GLUCOSE-YEAST EXTRACT AGAR
➤ OGY AGAR

➤ OGYE AGAR BASE
➤ OGYEA

01-275
APHA / EP / ISO / USP

Solid culture medium for total enumeration of yeasts and moulds according to ISO 13681. This medium need to add Oxytetracycline Selective Supplement (Art. No. 06-115LY01).

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR						
				FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		01-275-500	●		●			●	
5x500 ml	☐		01-275BA05	●		●			●	
20 plates of 90 mm Ø	☉		064-PA3124	●		●			●	
10 flasks with 100 ml	☒	Metalic-non injectable cap	064-BA2128	●		●			●	
10 flasks with 200 ml	☒	Non injectable cap	BA9992-200	●		●			●	
Oxytetracycline Selective Supplement. 10 vials	☐		06-115LY01	●		●			●	

SALINE SOLUTION



Saline solution for microbiology.

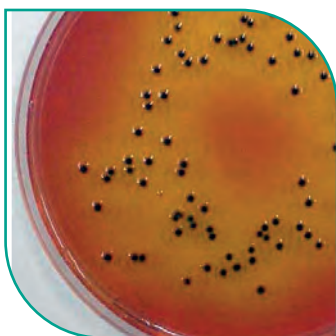
SALINE

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR						
				FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
20 tubes with 3 ml	☒	Ink labelled tubes and metallic cap	064-TA0105	●		●	●	●	●	●
20 tubes with 5 ml	☒	Ink labelled tubes and metallic cap	064-TA0194	●		●	●	●	●	●
20 tubes with 9 ml	☒	Ink labelled tubes and metallic cap	064-TA0095	●		●	●	●	●	●
20 tubes with 10 ml	☒	Ink labelled tubes and metallic cap	064-TA0094	●		●	●	●	●	●

SALINE + 0.5% POLYSORBATE 80

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR						
				FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
20 tubes with 9 ml	☒	Ink labelled tubes and Metallic-Non injectable cap	064-TA6017	●		●	●	●	●	●

SALMONELLA SHIGELLA AGAR (SS AGAR)



➤ SS AGAR

01-555
APHA / AOAC / COMPF

Differential and selective solid medium for the isolation of *Salmonella* and some *Shigella* species from clinical specimens, food, etc.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR							
			FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR	
500 g*	☐	01-555-500	●		●					
5x500 ml	☐	01-555BA05	●		●					
20 plates of 90 mm Ø	☉	064-PA0028	●		●					

SCA, see SABOURAUD CHLORAMPHENICOL AGAR, page 101



*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

SCHAEDLER AGAR

01-231 APHA

Solid medium with high reducing and nutrient capacity for the culture of fastidious anaerobic microorganisms.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-231-500	●						

SCHOLTEN'S AGAR (MODIFIED)

01-840-500 ISO

Solid culture medium used as a basal layer in the enumeration of somatic coliphages in samples of any type of water, sediment and sludge, according to ISO 10705-2 standard.



PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-840-500		●					
20 plates of 90 mm Ø	☉	064-PA6115		●					

SCHOLTEN'S BROTH (MODIFIED)

02-840-500 ISO

Liquid culture medium used as a growth medium for bacteria in the enumeration of somatic coliphages in samples of any type of water, sediment and sludge, according to ISO 10705-2.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	02-840-500		●					

SDA, see SABOURAUD DEXTROSE AGAR, page 103

SELENITE BROTH BASE

► SELENITE F BROTH

02-598 DIN / ISO

Liquid medium used for the enrichment of *Salmonella* and *Shigella* from clinical specimens and other products according to ISO 6785, 6340 standards. This medium need to add Sodium Biselenite (Art. No. SO0160). The prepared medium (Art. No. 064-TA0138) contains sodium biselenite.



PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		02-598-500	●		●				
5x500 ml	☐		02-598BA05	●		●				
20 tubes with 10 ml	↑	Ink labelled tubes and metallic-non injectable cap	064-TA0138	●		●				
Sodium Biselenite (Additive). 100 g	☐		S001600100	●		●				



*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

SELENITE CYSTINE BROTH BASE



02-602

APHA / BAM / COMPF / DIN / FDA / ISO / USP

Liquid medium used for the enrichment of *Salmonella* and *Shigella* from clinical specimens and other products according to ISO 6785, 19250 standards. This medium need to add Sodium Biselenite (Art. No. SO0160). Prepared medium includes sodium selenite added.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR						
				FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		02-602-500	●	●	●	●			
5x500 ml	☐		02-602BA05	●	●	●	●			
10 flasks with 100 ml	☐	Metalic-non injectable cap	064-BA1020	●	●	●	●			
20 tubes with 10 ml	☐	Ink labelled tubes and metalic-non injectable cap	064-TA0163	●	●	●	●			
Sodium Biselenite (Additive). 100 g	☐		SO01600100	●	●	●	●			

SHIGELLA BROTH



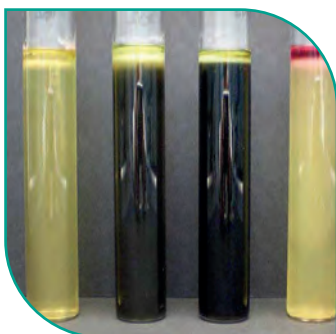
02-662

BAM / FDA / ISO

Liquid culture medium used for the selective enrichment of *Shigella spp.* according to ISO 21567 standard.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR						
			FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	02-662-500	●						
5x500 ml	☐	02-662BA05	●						

SIM MEDIUM

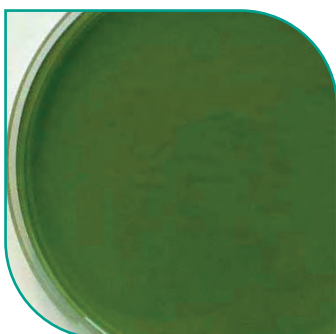


03-176

Differential medium for motility, H₂S production and indol formation.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR						
			FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	03-176-500	●		●				
5x500 ml	☐	03-176BA05	●		●				

SIMMONS CITRATE AGAR



01-177

AOAC / BAM / ISO / SMWW

Solid medium for verifying the citrate utilization by enterobacteria according to ISO 10273 and 22964 standards.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR						
				FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		01-177-500			●				
5x500 ml	☐		01-177BA05			●				
20 tubes with 6.2 ml of slanted agar	☐	Ink labelled tubes and metalic cap	064-TA0106			●				



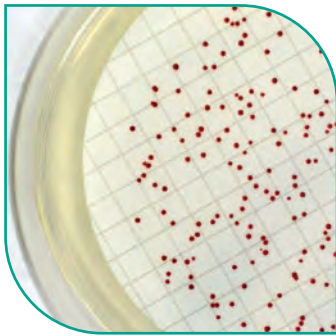
*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

SLANETZ BARTLEY AGAR

➤ M-AZIDE AGAR

➤ M-ENTEROCOCCUS AGAR

➤ M-SLANETZ ENTEROCOCCUS AGAR



01-579
ISO

Differential selective medium for the detection and enumeration of enterococci according to ISO 7899-2 standard. This medium need to add 1% TTC sterile solution (Art. No. 06-023).
The prepared medium (Art. No. 064PF6017P) not containing the additive TTC 1%.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-579-500	●	●					
5x500 ml	☐	01-579BA05	●	●					
20 plates of 90 mm Ø	☉	064-PA3125	●	●					
30 plates of 55 mm Ø	☐	064-PF0004	●	●					
30 plates of 55 mm Ø without TTC	☐	064PF6017P	●	●					
TTC 1% sterile solution (Additive). 100 ml	☐	06-023-100	●	●					

SMAC AGAR, see MACCONKEY SORBITOL AGAR, page 79

SORBITOL BILE BROTH



064-BA7066
ISO

Liquid medium for enrichment of *Yersinia spp.* in food samples according to ISO 10273 standard.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
10 flasks with 100 ml	☐	Metalic-non injectable cap	064-BA7066	●						

SPORULATING AGAR



➤ AK 2 AGAR

➤ ARRET & KIRSHBAUM AGAR

➤ AK AGAR

➤ ANTIBIOTIC MEDIUM 32 (USP)

01-069
USP

This formulation is according to the Arret and Kirschbaum formulation, adopted by US, FDA for the preparation of spore suspension for antibiotic assay.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-069-500					●		

SPS AGAR, see CLOSTRIDIUM PERFRINGENS SELECTIVE AGAR, page 55

SS AGAR, see SALMONELLA SHIGELLA AGAR, page 104

i *For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

STUART RINGERTZ TRANSPORT MEDIUM



03-454

Medium used for the maintenance and transport of pathogenic specimens or fastidious microorganisms from clinical or other origin.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
500 g*	📦	03-454-500	●

FOOD & BEVERAGES
WATER
CLINICAL
PHARMA
COSMETICS
ENVIRONMENTAL
MOLECULAR

SUGAR FREE AGAR

01-264
ISO / IDF

Solid culture medium in compliance with the ISO 13559/IDF 153 standard for the enumeration of contaminating microorganisms in butter, fermented milks and fresh cheeses, by the technique of colonial count at 30°C.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
500 g*	📦	01-264-500	●

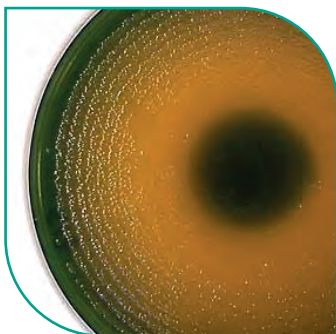
FOOD & BEVERAGES
WATER
CLINICAL
PHARMA
COSMETICS
ENVIRONMENTAL
MOLECULAR

TBA, see TRYPTONE BILE AGAR, page 115

TBX AGAR, see TRYPTONE BILE GLUCURONIC AGAR MICROINSTANT[®], page 130

TCBS AGAR

► CHOLERA MEDIUM TCBS



01-567

APHA / AOAC / BAM / COMPF / FDA / ISO

Solid medium for selective isolation of *Vibrio parahaemolyticus* according to ISO 8914 and 21872-2 standards.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
500 g*	📦	01-567-500	● ● ●
5x500 ml	📦	01-567BA05	● ● ●
20 plates of 90 mm Ø	📦	064-PA0029	● ● ●

FOOD & BEVERAGES
WATER
CLINICAL
PHARMA
COSMETICS
ENVIRONMENTAL
MOLECULAR

TERGITOL[®] 7 AGAR, see CHAPMAN TTC AGAR, page 53



*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

TERRIFIC BROTH



► PEPTONE WATER FOR GENETICS

02-474

Liquid medium for the cultivation of recombinant strain of *E. coli*.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
500 g*	☐	02-474-500	● FOOD & BEVERAGES ● WATER ● CLINICAL ● PHARMA ● COSMETICS ● ENVIRONMENTAL ● MOLECULAR

TGE, see TRYPTONE GLUCOSE EXTRACT AGAR, page 115

TETRATHIONATE BILE BRILLIANT GREEN BROTH BASE



02-629
EP

Liquid medium for the selective enrichment of *Salmonella* in the examination of pharmaceutical products according to the harmonized European Pharmacopoeia methods. This medium needs the addition of potassium tetrathionate.

To achieve greater selectivity is added to the medium Novobiocin Selective Supplement (Art. No. 06-139LYO1).

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
500 g*	☐	02-629-500	● FOOD & BEVERAGES ● WATER ● CLINICAL ● PHARMA ● COSMETICS ● ENVIRONMENTAL ● MOLECULAR
5x500 ml	☐	02-629BA05	● FOOD & BEVERAGES ● WATER ● CLINICAL ● PHARMA ● COSMETICS ● ENVIRONMENTAL ● MOLECULAR

THAYER MARTIN VCNT



064-PA0030

Selective medium for isolation *Neisseria* spp.

► **NOTE:** For the medium in dehydrated format, see **GC Agar Base**, page 64.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
20 plates of 90 mm Ø	☉	064-PA0030	● FOOD & BEVERAGES ● WATER ● CLINICAL ● PHARMA ● COSMETICS ● ENVIRONMENTAL ● MOLECULAR



*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

THIOGLYCOLLATE BROTH



➤ USP ALTERNATIVE THIOGLYCOLATE MEDIUM

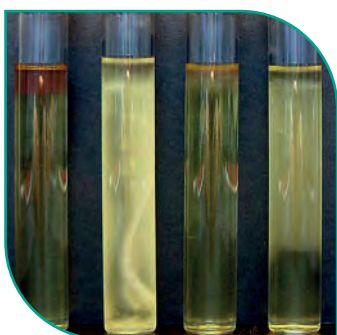
02-186

AOAC / APHA / COMPF / EP / ISO / USP

Medium used for the cultivation of anaerobic pathogenic microorganisms in clinical specimens and in sterility test of viscous or cloudy products according to ISO 7937 and USP 33-NF 28 standards.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	02-186-500			●	●			
5x500 ml	☐	02-186BA05			●	●			

THIOGLYCOLLATE FLUID MEDIUM



➤ FTM

➤ F THIO M

03-187

AOAC / BAM / EP / FDA / HP / USP

Fluid medium used for sterility testing according to the Eur. Pharm., USP, FDA, and for the cultivation of microaerophilic and anaerobic organisms.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		03-187-500	●			●			
5x500 ml	☐		03-187BA05	●			●			
10 flasks with 40 ml	☐	Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap + shrink wrapped plastic sleeve	0BA1026-40	●			●			
10 flasks with 100 ml	☐	Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap + shrink wrapped plastic sleeve	064-BA1026	●			●			
6 flasks with 100 ml + ESTERIPAPEL®	☐	Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap	064-BA8076	●			●			
10 flasks with 450 ml	☐	Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap	064-BA1029	●			●			
20 tubes with 9 ml	☐	Ink labelled tubes and metallic cap	064-TA0134	●			●			
20 tubes with 10 ml	☐	Ink labelled tubes and metallic cap	064-TA0137	●			●			

THIOGLYCOLLATE FLUID MEDIUM PENASE



064-BA3059

AOAC / APHA / EP / FDA / USP

Fluid medium with penase used for sterility testing according to the Eur. Pharm. 9.0, USP 33-NF 28, FDA, and for the cultivation of microaerophilic and anaerobic organisms.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
10 flasks with 100 ml	☐	Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap	064-BA3059				●			

TODD-HEWITT BROTH



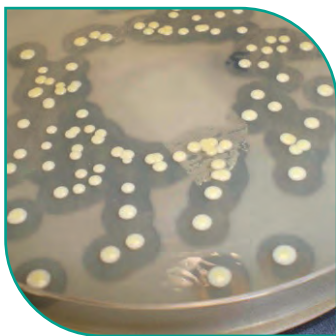
02-191

Liquid culture medium for the propagation of β -haemolytic streptococci and for serological typing studies.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR
500 g*	☐		02-191-500	●
20 tubes with 10 ml	⌋	Ink labelled tubes and metallic-non injectable cap	064-TA0157	●

FOOD & BEVERAGES
WATER
CLINICAL
PHARMA
COSMETICS
ENVIRONMENTAL
MOLECULAR

TRIBUTYRIN AGAR



► TSB

064-BA2131

Medium for detection and enumeration of lipolytic microorganisms in food stuffs and other materials.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR
10 flasks with 100 ml	☐	Metallic-non injectable cap	064-BA2131	●

FOOD & BEVERAGES
WATER
CLINICAL
PHARMA
COSMETICS
ENVIRONMENTAL
MOLECULAR

TRIPLE SUGAR IRON AGAR (TSI AGAR)



► TSI AGAR

01-192

AOAC / BAM / COMPF / DIN / EP / IDF / ISO / USP

Differential medium for identification of enterobacteria, by fermentation three sugars (lactose, sucrose and glucose) and hydrogen sulfide production ISO 6579, 6785 and 10272 standards.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR
500 g*	☐		01-192-500	● ● ●
5x500 ml	☐		01-192BA05	● ● ●
20 tubes with 7.5 ml of slanted agar	⌋	Ink labelled tubes and metallic cap	064-TA0177	● ● ●

FOOD & BEVERAGES
WATER
CLINICAL
PHARMA
COSMETICS
ENVIRONMENTAL
MOLECULAR

MiStraCon®

Microbiologic Strains for Control

ATCC Licensed Derivative®

Traceability with the strains of the American Type Culture Collection (ATCC®)



Wide range of microbial strains for microbiological control. Available in 3 different formats.



TRYPTIC SOY AGAR (TSA) (EUR. PHARM.)



- CASEIN SOYBEAN DIGEST AGAR
- TSA
- MEDIUM B OF THE EUR. PHARM. 5TH ED.

**01-200
BAM / COMPF / EP / HP / ISO / USP**

General purpose solid medium containing animal and plant peptone according to Pharmacopoeial Harmonised Method and ISO 9308-1, 22717 and 2296 standards.

The medium prepared Art. No.: 064-PA0100 contains defibrinated sheep blood.

- TLHTh (Polysorbate 80 - Lecithin - Histidine - Sodium Thiosulphate)

TSA (EUR. PHARM.)

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR
500 g*			01-200-500	FOOD & BEVERAGES, WATER, CLINICAL, PHARMA, COSMETICS, ENVIRONMENTAL, MOLECULAR
5x500 ml			01-200BA05	FOOD & BEVERAGES, WATER, CLINICAL, PHARMA, COSMETICS, ENVIRONMENTAL, MOLECULAR
20 plates of 90 mm Ø			064-PA0031	FOOD & BEVERAGES, WATER, CLINICAL, PHARMA, COSMETICS, ENVIRONMENTAL, MOLECULAR
20 plates of 90 mm		With defibrinated sheep blood	064-PA0100	FOOD & BEVERAGES, WATER, CLINICAL, PHARMA, COSMETICS, ENVIRONMENTAL, MOLECULAR
20 plates of 90 mm Ø with 30 ml medium			064-PA6071	FOOD & BEVERAGES, WATER, CLINICAL, PHARMA, COSMETICS, ENVIRONMENTAL, MOLECULAR
20 plates of 90 mm Ø, irradiated, double packaging			064PA0031I	FOOD & BEVERAGES, WATER, CLINICAL, PHARMA, COSMETICS, ENVIRONMENTAL, MOLECULAR
20 plates of 90 mm Ø, irradiated, triple packaging			064-PA0138	FOOD & BEVERAGES, WATER, CLINICAL, PHARMA, COSMETICS, ENVIRONMENTAL, MOLECULAR
30 plates of 55 mm Ø			064-PF0026	FOOD & BEVERAGES, WATER, CLINICAL, PHARMA, COSMETICS, ENVIRONMENTAL, MOLECULAR
30 contact plates, irradiated, double packaging			064-PR0004	FOOD & BEVERAGES, WATER, CLINICAL, PHARMA, COSMETICS, ENVIRONMENTAL, MOLECULAR
30 contact plates, irradiated, double packaging		Labelled RODAC plates with auto lock closure	64PR0004AL	PHARMA
24 contact plates, irradiated, triple packaging			064-PR0038	FOOD & BEVERAGES, WATER, CLINICAL, PHARMA, COSMETICS, ENVIRONMENTAL, MOLECULAR
24 contact plates, irradiated, triple packaging		Labelled RODAC plates with auto lock closure	64PR0038AL	PHARMA
80 contact plates, irradiated double packaging			064PRB0038	FOOD & BEVERAGES, WATER, CLINICAL, PHARMA, COSMETICS, ENVIRONMENTAL, MOLECULAR
10 flasks with 100 ml		Metalic-non injectable cap	064-BA1008	FOOD & BEVERAGES, WATER, CLINICAL, PHARMA, COSMETICS, ENVIRONMENTAL, MOLECULAR
10 flasks with 200 ml		Non injectable cap	064-BA6043	FOOD & BEVERAGES, WATER, CLINICAL, PHARMA, COSMETICS, ENVIRONMENTAL, MOLECULAR
10 flasks with 475 ml		Metalic-non injectable cap	BA1008-500	FOOD & BEVERAGES, WATER, CLINICAL, PHARMA, COSMETICS, ENVIRONMENTAL, MOLECULAR
20 tubes with 6.2 ml of slanted agar		Ink labelled tubes and metallic cap	064-TA0121	FOOD & BEVERAGES, WATER, CLINICAL, PHARMA, COSMETICS, ENVIRONMENTAL, MOLECULAR
20 tubes with 15 ml		Ink labelled tubes and metallic cap	064-TA0221	FOOD & BEVERAGES, WATER, CLINICAL, PHARMA, COSMETICS, ENVIRONMENTAL, MOLECULAR

TSA + TLHTh (NEUTRALISERS)

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR
20 plates of 90 mm Ø, TLHTh, irradiated, double packaging			064PA0075I	FOOD & BEVERAGES, WATER, CLINICAL, PHARMA, COSMETICS, ENVIRONMENTAL, MOLECULAR
20 plates of 90 mm Ø, TLHTh, irradiated, triple packaging			064-PA0139	FOOD & BEVERAGES, WATER, CLINICAL, PHARMA, COSMETICS, ENVIRONMENTAL, MOLECULAR
30 contact plates, TLHTh, irradiated, double packaging			064-PR0005	FOOD & BEVERAGES, WATER, CLINICAL, PHARMA, COSMETICS, ENVIRONMENTAL, MOLECULAR
30 contact plates, TLHTh, irradiated, double packaging		Labelled RODAC plates with auto lock closure	64PR0005AL	PHARMA
24 contact plates, TLHTh, irradiated, triple packaging			064-PR0013	FOOD & BEVERAGES, WATER, CLINICAL, PHARMA, COSMETICS, ENVIRONMENTAL, MOLECULAR
24 contact plates, TLHTh, irradiated, triple packaging		Labelled RODAC plates with auto lock closure	64PR0013AL	PHARMA
80 contact plates, irradiated triple packaging			064PRB0013	FOOD & BEVERAGES, WATER, CLINICAL, PHARMA, COSMETICS, ENVIRONMENTAL, MOLECULAR

*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

TSA + PENASE

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR
20 plates of 90 mm Ø, irradiated, triple packaging	☉	200.000 UI	064-PA0134	●
20 plates of 90 mm Ø, irradiated, triple packaging	☉	1.000.000 UI	064-PA3137	●
24 contact plates, irradiated, triple packaging	☉☉☉		064-PR0061	●
30 contact plates, irradiated, double packaging	☉☉		064-PR0028	●
80 contact plates, irradiated, triple packaging	☉☉☉		064PRB0045	●

FOOD & BEVERAGES
WATER
CLINICAL
PHARMA
COSMETICS
ENVIRONMENTAL
MOLECULAR

TSA + TLHTh (NEUTRALISERS) + β-LACTAMASE

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
20 plates of 90 mm Ø, TLHTh, irradiated, triple packaging	☉	064-PA0055	●
60 plates of 90 mm Ø, TLHTh, triple packaging	☉	064-PA6074	●
24 contact plates, TLHTh, irradiated, triple packaging	☉☉☉	064-PR0050	●

FOOD & BEVERAGES
WATER
CLINICAL
PHARMA
COSMETICS
ENVIRONMENTAL
MOLECULAR

TSA + TLHTh (NEUTRALISERS) + PENASE

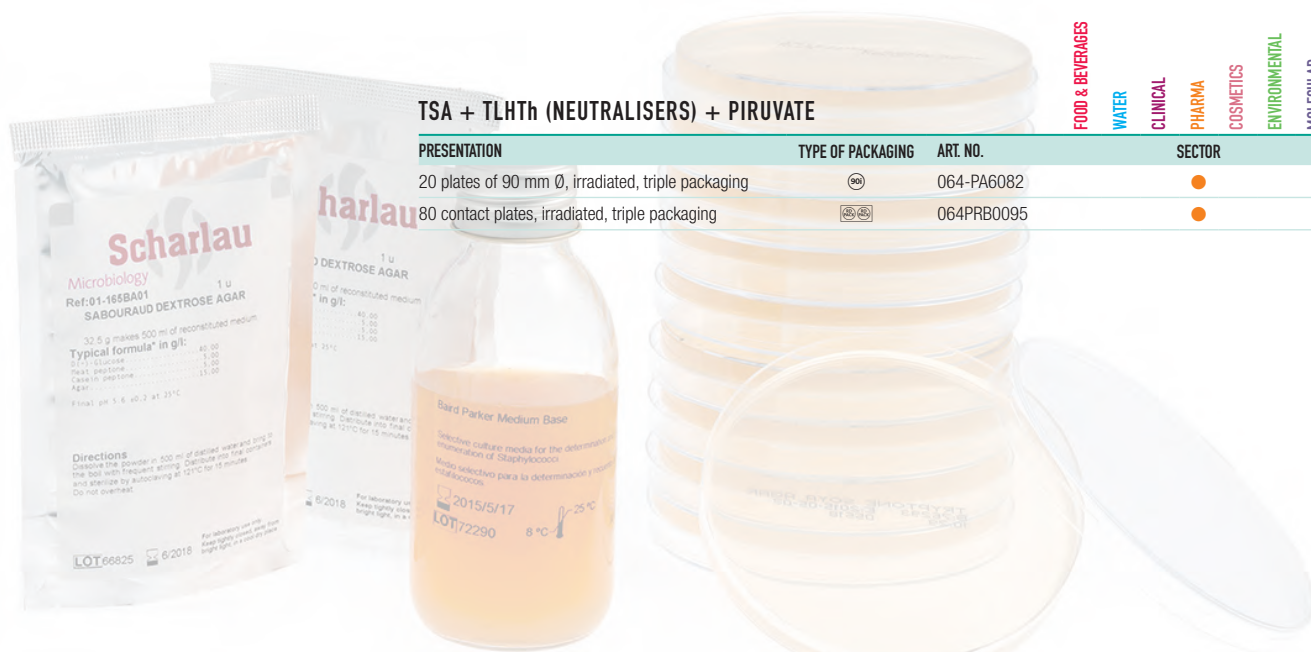
PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
20 plates of 90 mm Ø, TLHTh, irradiated, double packaging	☉	064-PA6006	●
20 plates of 90 mm Ø, TLHTh, irradiated, triple packaging	☉	064-PA608T	●
24 contact plates, TLHTh, irradiated, triple packaging	☉☉☉	064-PR0040	●
30 contact plates, TLHTh, irradiated, double packaging	☉☉	064-PR0027	●
80 contact plates, TLHTh, irradiated, triple packaging	☉☉☉	064PRB0040	●

FOOD & BEVERAGES
WATER
CLINICAL
PHARMA
COSMETICS
ENVIRONMENTAL
MOLECULAR

TSA + TLHTh (NEUTRALISERS) + PIRUVATE

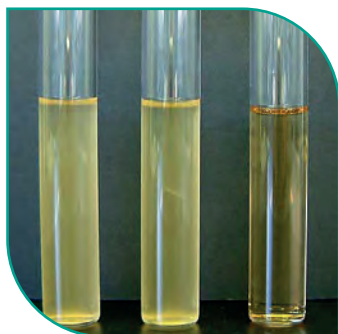
PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
20 plates of 90 mm Ø, irradiated, triple packaging	☉	064-PA6082	●
80 contact plates, irradiated, triple packaging	☉☉☉	064PRB0095	●

FOOD & BEVERAGES
WATER
CLINICAL
PHARMA
COSMETICS
ENVIRONMENTAL
MOLECULAR



*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

TRYPTIC SOY BROTH (TSB) (EUR. PHARM.)



➤ CASEIN SOYA BEAN DIGEST BROTH ➤ TSB ➤ MEDIUM A ACCORDING TO EUR. PHARM. 5TH ED.

02-200

AOAC / BAM / COMPF / EP / HP / ISO / USP

Highly nutrient liquid medium for general purpose use, formulated according to Pharmacopeial Harmonised Method and ISO 9308-1 standard.

➤ **You must use connector (Art. No. 064-V70815) for bags.

TSB (EUR. PHARM.)

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		02-200-500	●		●	●	●		
500 g*	☐	Irradiated	02-575-500				●			
500 g*	☐	Non animal Peptone, irradiated	02-725-500				●			
5x500 ml	☐		02-200BA05	●		●	●	●		
3 bags of 3 litres**	☐		064-BA03-3	●		●	●	●		
2 bags of 5 litres**	☐		064-BA03-5	●		●	●	●		
10 flasks with 90 ml	☐	Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap + shrink wrapped plastic sleeve	0BA1012-90	●		●	●	●		
10 flasks with 100 ml	☐	Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap + shrink wrapped plastic sleeve	064-BA1012	●		●	●	●		
6 flasks with 100 ml + 2 ESTERIPAPEL®	☐	Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap	064-BA8077	●		●	●	●		
10 flasks with 450 ml	☐	Metalic-non injectable cap	064-BA2132	●		●	●	●		
6 bottles with 800 ml	☐	Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap + shrink wrapped plastic sleeve	00BA1012-6	●		●	●	●		
20 tubes with 9 ml	☐	Ink labelled tubes and metallic cap	064-TA2147	●	●	●	●	●	●	●
20 tubes with 10 ml	☐	Ink labelled tubes and metallic-non injectable cap	064-TA0113	●	●	●	●	●	●	●

TSB + PENASE

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
10 flasks with 100 ml	☐	Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap	064-BA3058				●			

TSB + TLHT_H (NEUTRALISERS)

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
10 flasks with 100 ml	☐	Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap + shrink wrapped plastic sleeve	064-BA4006	●			●	●		

TSB + 25% CAPITOL IV

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
10 flasks with 90 ml	☐	Metalic-non injectable cap	064-BA0002					●		
10 flasks with 190 ml	☐	Metalic-non injectable cap	064-BA0004					●		
6 flasks with 490 ml	☐	Metalic-non injectable cap	064-BA8008					●		

TSB + POLYSORBATE + LECITHIN

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
10 flasks with 90 ml	☐	Metalic-non injectable cap	064-BA8009				●	●		



*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.



TRYPTIC SOY BROTH MODIFIED



➤ TSBM ➤ TSB MODIFIED

02-691 BAM / DIN / FDA / ISO



Liquid culture medium used for the selective enrichment of Enterohaemorrhagic *Escherichia coli* (EHEC) in food, according to the ISO 16654 standard.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*		02-691-500	●		●				
Novobiocine Selective Supplement (10 mg). 10 vials		06-139LY01	●						

TRYPTIC SOY BROTH WITHOUT DEXTROSE

02-227 AOAC / BAM

Liquid culture medium used for the production of spores of *Geobacillus stearothermophilus* for the inhibitory substances test in food according to FDA-BAM standards.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*		02-227-500	●	●					
5x500 ml		02-227BA05	●	●					




TRYPTONE BILE AGAR



➤ TBA

01-526 ISO

Selective solid medium for the rapid enumeration of *Escherichia coli* in meat products and in water according to ISO standards 6391 and 9308-1.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*		01-526-500		●					
5x500 ml		01-526BA05		●					
30 plates of 55 mm Ø		064-PF0014		●					


TRYPTONE GLUCOSE EXTRACT AGAR (TGE AGAR)



➤ COLONY COUNT AGAR ➤ TRYPTICASE GLUCOSE EXTRACT AGAR ➤ TGE AGAR

01-082 AOAC / APHA / BAM / COMPF / FDA / ISO / SMD / SMWW

Plate count medium for milk and dairy products, according to the standard Methods for Dairy Products.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*		01-082-500	●	●					



*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

m-TGE

064-CT0002

Liquid medium for enumeration of total bacteria by Membrane Filtration Methods.

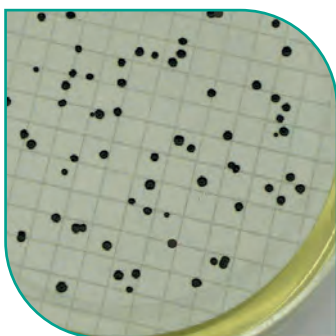
PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
50 vials of 2 ml		064-CT0002	●	●					





TRYPTONE SULFITE NEOMYCIN AGAR (TSN AGAR)

► TSN AGAR

01-195

Solid selective medium for *Clostridium perfringens* isolation.



PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*			01-195-500	●	●					
5x500 ml			01-195BA05	●	●					
20 plates of 90 mm Ø		1 box with 2 RD-PACK with 10 plates 90 mm Ø /pack. Film wrapping	064-PA6139	●	●					
20 tubes of 9 ml			064-TA2156	●	●					

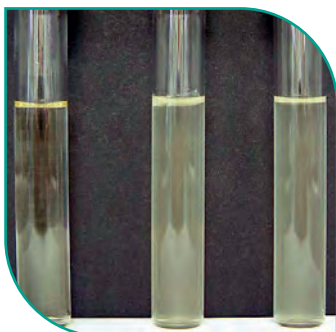
TRYPTONE WATER

► PEPTONE WATER








03-156

COMPF / ISO / SMWW

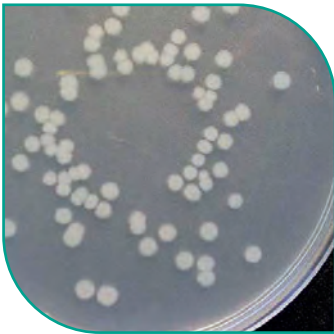
Substrate with low nutrient capacity, for the detection of indol production in coliform microorganisms according to ISO 7251 standard.



► TLHTh (Polysorbate 80 - Lecithin - Histidine - Sodium Thiosulphate)

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*			03-156-500	●						
5x500 ml			03-156BA05	●						
10 flasks with 100 ml injectables		Injectable cap: Plastic screw inner cap + elastomer septum + protective outer cap + shrink wrapped plastic sleeve	064-BA1023	●						
10 flasks with 100 ml		Metalic-non injectable cap	064-BA2126	●						
20 tubes with 9 ml		Ink labelled tubes and metallic cap	064-TA0847	●						
20 tubes of 9 ml with TLHTh		Ink labelled tubes and metallic cap	064-TA2155	●						
20 tubes with 10 ml		Ink labelled tubes and metallic cap	064-TA0120	●						

TRYPTONE YEAST EXTRACT AGAR



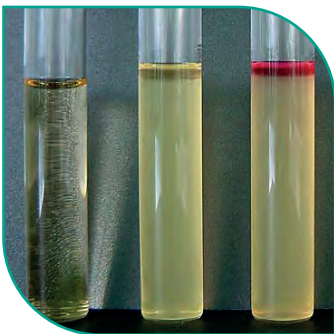
► WATER PLATE COUNT AGAR

01-590
ISO

Solid medium for the enumeration of water microorganisms according to ISO 6222, 5667-2, 5667-3, 6887 and 8199 standards.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR	SECTOR
500 g*	☐		01-590-500		●						
5x500 ml	☐		01-590BA05		●						
30 plates of 55 mm Ø	☐		064-PF0013		●						
10 flasks with 100 ml	☐	Metalic-non injectable cap	064-BA0013		●						
10 flasks with 200 ml	☐	Metalic-non injectable cap	064-BA2035		●						
10 flasks with 450 ml	☐	Metalic-non injectable cap	064-BA8117		●						
20 tubes with 15 ml	☐	Ink labelled tubes and metalic-non injectable cap	064-TA0013		●						

TRYPTOPHAN BROTH



02-418
DIN / ISO

Liquid medium used for the detection of indol production according to ISO 9308, 6785 and 21567 standards.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR	SECTOR
500 g*	☐		02-418-500		●						
20 tubes with 9 ml	☐	Ink labelled tubes and metalic-non injectable cap	064-TA0115		●						

TRYPTOSE LAURYL SULFATE BROTH



► LST

02-108
APHA / BAM / COMPF / FDA / IDF / ISO / SMD / SMWW

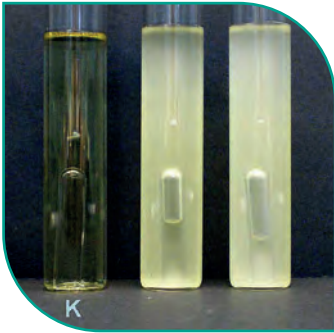
Liquid medium used for the detection and enumeration of coliform bacteria according to IDF-FIL 73B and ISO 4831 and 7251 standards.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR	SECTOR
500 g*	☐		02-108-500	●	●	●					
5x500 ml	☐		02-108BA05	●	●	●					
20 tubes with 9 ml	☐	Ink labelled tubes with Durham tubes and metallic cap	064-TA0451	●	●	●					



*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

TRYPTOSE LAURYL SULFATE MANNITOL TRYPTOPHAN BROTH



02-460
ISO

Liquid medium used for the production of indol and gas in a single tube, according to ISO 9308-1 and 9308-2 standards.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
500 g*	☐	02-460-500	●
20 tubes of 10 ml	⌋	064-TA0452	●

FOOD & BEVERAGES
WATER
CLINICAL
PHARMA
COSMETICS
ENVIRONMENTAL
MOLECULAR

TRYPTOSE LAURYL SULFATE MODIFIED BASE BROTH (MLST)



➤ LST
➤ MLST

02-711
ISO

Liquid medium for the selective enrichment of *Cronobacter sakazakii* in milk samples and dairy products, according to the ISO 22964. Needs Vancomycin Selective Supplement (Art. No. 06-712-LY01). The prepared media (Art. No. 064-TA 0196) include Vancomycin.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR
500 g*	☐		02-711-500	●
20 tubes with 10 ml	⌋	Ink labelled tubes and metallic cap	064-TA0196	● ●
Vancomycin Selective Supplement 5g, 10 vials	☐		06-712LY01	●

FOOD & BEVERAGES
WATER
CLINICAL
PHARMA
COSMETICS
ENVIRONMENTAL
MOLECULAR

CULTURE MEDIA IN TUBES

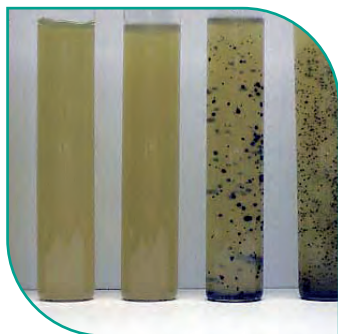


Do you know the Scharlau solid and liquid culture media in tubes?

- Shelf life of 12 months



TRYPTOSE SULFITE CYCLOSERINE AGAR (TSC AGAR)



► TSC AGAR

01-278

AOAC / BAM / COMPF / DIN / ISO












Selective solid and differential medium for isolation and presumptive identification of *Clostridium perfringens* according to ISO 6461-2, 7937 and 14189 standards and other regulations.

This medium requires supplement:

- D-Cycloserine Selective Supplement (Art. No. 06-116LYO1): 1 vial to supplement 250 ml of medium or
- D-Cycloserine Selective Supplement (Art. No. 06-743LYO1): 1 vial to supplement 100 ml of medium.

If you want you can add supplements:

- Egg yolk sterile (Art. No. 06-016): 80 ml solution per litre of medium.
- Supplement Fluorogenic MUP (Art. No. 06-744LYO1): identification of *Clostridium perfringens*.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR						
				FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*			01-278-500	●	●					
5x500 ml			01-278BA05	●	●					
30 plates of 55 mm Ø			064-PF0018	●	●					
30 plates of 55 mm Ø		TSC+ MUP	064-PF6024			●				
10 flasks of 100 ml (medium w/o supplement)			064-BA6016	●	●					
10 flasks of 250 ml (medium w/o supplement)		200 ml of media	064-BA8070	●	●					
D-Cycloserine Selective Supplement (100 mg). 10 vials		1 vial to supplement 225 ml of broth	06-116LYO1	●	●					
D-Cycloserine Selective Supplement. 10 vials.		1 vial to supplement 100 ml of broth	06-743LYO1	●	●					
D-Cycloserine Selective Supplement (200 mg). 10 vials		1 vial to supplement 500 ml of broth	06-794LYO1	●	●					
Supplement Fluorogenic MUP. 10 vials.		1 vial to supplement 200 ml of broth	06-744LYO1		●					
Egg yolk sterile solution. 100 ml			06-016-100	●						

TSA, see TRYPTIC SOY AGAR, page 112

TSB, see TRYPTIC SOY BROTH, page 114

TSB MODIFIED, see TRYPTIC SOY BROTH MODIFIED, page 115

TSC, see TRYPTOSE SULFITE CYCLOSERINE AGAR at the top of the page

TSI, see TRIPLE SUGAR IRON AGAR, page 111

TSN, see TRYPTONE SULFITE NEOMYCIN AGAR, page 116

TYEA, see TRYPTONE YEAST EXTRACT AGAR, page 117



*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

UNIVERSAL BEER AGAR (UBA)



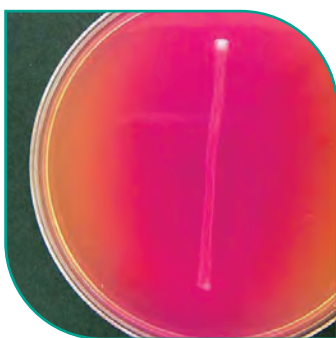
► UBA

01-781

Base medium, to which beer may be added for the cultivation of microbial contaminants in the brewing industry.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-781-500	●						

UREA AGAR BASE



► CHRISTENSEN AGAR

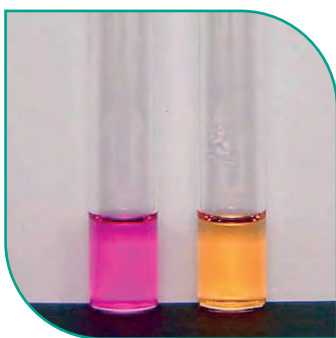
01-261

APHA / COMPF / DIN / IDF / ISO / SMD

Solid medium for the detection of urease, according to ISO 6340, 6579, 6785 and 21567 standards and DIN 10160 standard. This medium requires add Urea Sterile Solution 40% (Art. No. 06-083).

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		01-261-500	●		●				
5x500 ml	☐		01-261BA05	●		●				
20 tubes with 6.2 ml of slanted agar	☒	Ink labelled tubes and metallic cap	064-TA0148	●		●				
Urea 40% Sterile Solution (additive). 100 ml	☐		06-083-100	●		●				

UREA BROTH BASE



02-202

AOAC / APHA / BAM / COMPF

Differential liquid medium for urease detection according to the Rustigian and Stuart formulation.

This medium requires add Urea Sterile Solution 40% (Art. No. 06-083).

Prepared medium (Art. No. 064-TA01044) contains Urea.

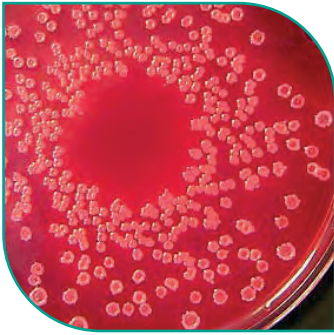
PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		02-202-500			●				
5x500 ml	☐		02-202BA05			●				
20 tubes with 2 ml	☒	Ink labelled tubes and metallic-non injectable cap	064-TA0144			●				
Urea 40% Sterile Solution (additive). 100 ml	☐		06-083-100	●		●				

UVM (LISTERIA ENRICHMENT BROTH BASE), see LISTERIA ENRICHMENT BROTH BASE (UVM), page 76



*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

VIOLET RED BILE DEXTROSE AGAR (VRBD AGAR) (EUR. PHARM.)



➤ MACCONKEY DEXTROSE AGAR

➤ VRBG AGAR

➤ VRBD AGAR

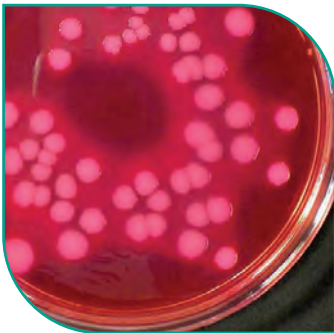
01-295
EP / HP / ISO / USP

Selective solid medium for the enumeration of enterobacteria, according to ISO 21528 standard and Pharmacopeial Harmonised Methods.

➤ TLHTh (Polysorbate 80 - Lecithin - Histidine - Sodium Thiosulphate)

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR							
				FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR	
500 g*	☐		01-295-500	●			●				
5x500 ml	☐		01-295BA05	●			●				
20 plates of 90 mm Ø	☉		064-PA0046	●			●				
30 contact plates	☐☐☐		064-PR0006	●			●				
30 contact plates, TLHTh	☐☐☐		064-PR0044	●			●				
80 contact plates, double packaging	☐☐☐☐		064PRB0093	●			●				
10 flasks with 100 ml	☒	Metalic-non injectable cap	064-BA1011	●		●	●	●			
10 flasks with 200 ml	☒	Metalic-non injectable cap	064-BA3061	●		●	●	●			
20 tubes with 15 ml	☒	Ink labelled tubes and metalic-non injectable cap	064-TA0147	●			●				

VIOLET RED BILE LACTOSE AGAR (VRBL AGAR)



➤ VRB AGAR

➤ VRBA

➤ VRBL

01-164
APHA / COMPF / IDF-FIL / ISO

Medium for the detection and enumeration of coliforms in milk and other dairy products, according to APHA and ICMSF, FIL-IDF 73B and ISO 4832 and 5541-1 standards.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	SECTOR							
				FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR	
500 g*	☐		01-164-500	●	●					●	
5x500 ml	☐		01-164BA05	●	●					●	
20 plates of 90 mm Ø	☉		064-PA0049	●	●					●	
30 contact plates	☐☐☐		064-PR0018	●	●					●	
10 flasks with 100 ml	☒	Injectable plastic screw cap	064-BA0485	●	●					●	
10 flasks with 200 ml	☒	Injectable plastic screw cap	064-BA6041	●	●					●	
20 tubes with 15 ml	☒	Ink labelled tubes and metalic cap	064-TA0485	●	●					●	

VIOLET RED BILE LACTOSE DEXTROSE AGAR



➤ VRBLD AGAR

➤ VRBLDA MEDIUM

➤ EUR PHARM. AGAR MEDIUM F

➤ MEDIUM OF THE EUR. PHARM. 5TH ED.

01-220
EP

Solid selective medium for the detection of Enterobacteriaceae according to the European Pharmacopoeia.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR							
			FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR	
500 g*	☐	01-220-500	●	●		●	●			
MUG Fluorescent Supplement	☐	06-102LY01	●	●		●	●			



*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

VOGEL JOHNSON AGAR (VJ AGAR)



➤ VJ AGAR

➤ TELLURITE-GLYCINE-PHENOL RED AGAR BASE

01-206

AOAC / BAM / ISO / USP

Solid and selective medium for isolation and identification of staphylococci according to ISO 22718 standard. This medium requires add:

- 20 ml of Potassium Tellurite Solution 1% (Art. No. 06-089) or
- 6.0 ml of Potassium Tellurite Solution 3.5% (Art. No. 06-011).

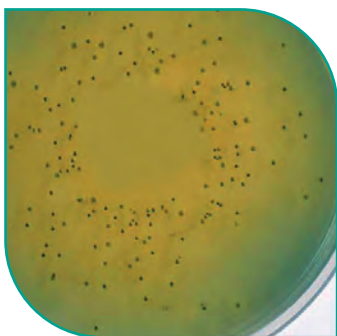
PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-206-500	●	●	●	●	●		
5x500 ml	☐	01-206BA05	●	●	●	●	●		
Potassium Tellurite 3.5% Sterile Solution (Additive). 100 ml	☐	06-011-100	●		●	●	●		
Potassium Tellurite 1% Sterile Solution (Additive). 100 ml	☐	06-089-100	●						

VRBA, see VIOLET RED BILE AGAR, page 121

VRBD, see VIOLET RED BILE DEXTROSE AGAR, page 121

WATER PEPTONE, SALT, see PEPTONE WATER, SALT, page 92

WL NUTRIENT AGAR



01-210

Solid medium for the culture and enumeration of yeast and bacteria for microbiological control in brewing and other fermentation industries.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-210-500	●						
30 plates of 55 mm Ø	☐	064-PF6019	●						
Cycloheximide Selective Supplement. 10 vials.	☐	06-022LY01	●						

WL NUTRIENT BROTH

064-CT0005

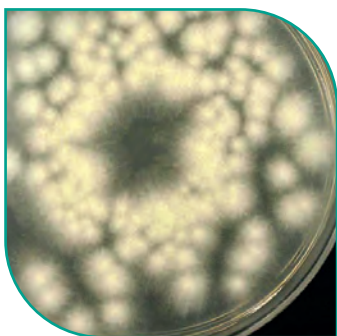
Liquid medium for the culture and enumeration of yeast and bacteria for microbiological control in brewing and other fermentation industries by MF method.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
50 vials with 2 ml	☐	Tubes non- toxic polypropylene	064-CT0005	●	●	●	●	●	●	●



*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

WORT AGAR



01-132

General solid medium for the cultivation of fungi.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-132-500	●						
20 plates of 90 mm Ø with TLH	⊙	064-PA0063	●						
30 plates of 55 mm Ø	☐	064-PF0063	●						

WORT BROTH

02-132

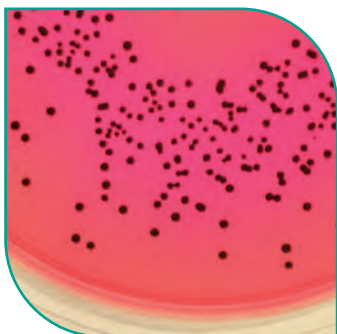
Liquid medium for the production of yeast suspensions.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	02-132-500	●						

XLD AGAR (EUR. PHARM.), see XYLOSE LYSINE DEOXYCHOLATE AGAR (EUR. PHARM.), page 124

XLD AGAR (ISO), see XYLOSE LYSINE DEOXYCHOLATE MODIFIED AGAR, page 124

XLT4 AGAR BASE



01-708

Solid culture medium for the selective and differential isolation of *Salmonella* spp. (except *S. typhi* and *S. paratyphi*).

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-708-500	●						
20 plates of 90 mm Ø	⊙	064-PA0003	●						

XYLOSE FERMENTATION BROTH



064-TA8316
FDA / ISO

Liquid medium to verify the utilization of xylose in fastidious microorganisms, such as *Listeria* spp., according to ISO 11290.

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
20 tubes with 2 ml	☐	Ink labelled tubes with Durham tubes and metallic-non injectable cap	064-TA8316	●						



*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

XYLOSE LYSINE DEOXYCHOLATE AGAR (XLD AGAR) (EUR. PHARM.)



► XLD AGAR

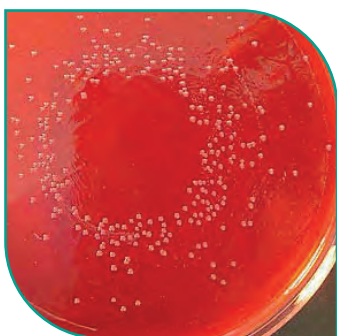
01-211

AOAC / BAM / COMPF / EP / HP / ISO / USP

Solid culture medium for the isolation of enteropathogenic species, specially *Salmonella* and *Shigella* according to Pharmacopoeia Harmonised method and ISO 6340 standards.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR						
			FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-211-500	●	●	●				
5x500 ml	☐	01-211BA05	●	●	●				
20 plates of 90 mm Ø	☉	064-PA0034	●	●	●				

XYLOSE LYSINE DEOXYCHOLATE MODIFIED AGAR



01-552

AOAC / APHA / BAM / COMPF / ISO

Medium for isolation of enteropathogenic species, especially *Shigella* and *Salmonella* in food and animal feeding stuffs, according to ISO 6579 and 21567 standards.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR						
			FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-552-500	●		●				
5x500 ml	☐	01-552BA05	●		●				
20 plates of 90 mm Ø	☉	064-PA1035	●	●	●				

YEAST EXTRACT PEPTONE DEXTROSE BROTH (YEPD BROTH)



► YEPD BROTH

02-473

Liquid medium for the cultivation of yeast in molecular biology procedures.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR						
			FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	02-473-500							●



*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

YEAST MALT AGAR (YM AGAR)



➤ YMA ➤ YM AGAR ➤ YEAST & MALT EXTRACT AGAR

01-219

Solid medium for the cultivation of fungi and aciduric microorganisms.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-219-500	●				●		

YEAST MALT BROTH



➤ YM BROTH ➤ YEAST & MALT EXTRACT BROTH

02-219

Liquid medium for the cultivation of fungi and aciduric microorganisms.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	02-219-500	●				●		

YEAST STARCH GLUCOSE AGAR



➤ YSG AGAR

01-673

IFU

Solid medium for the detection and isolation of *Alicyclobacillus*, in fruit juices and other acidic food, according to IFU standard method No. 12.

- After autoclaving adjust the pH to 3, 7 ±0.2 by adding 1N HCl.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-673-500	●						
5x500 ml	☐	01-673BA05	●						
20 tubes of 20 ml	⌋	064-TA8302	●						



YEAST STARCH GLUCOSE BROTH (YSG)



➤ YSG BROTH

02-673
IFU

Liquid medium used for the detection and enrichment of *Alicyclobacillus*, in fruit juices and other acidic foods, according to IFU standard method No. 12.

- After autoclaving adjust the pH to 3.7 ±0.2 by adding 1N HCl.

FOOD & BEVERAGES
WATER
CLINICAL
PHARMA
COSMETICS
ENVIRONMENTAL
MOLECULAR

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR			
500 g*		02-673-500	●			

YEPD BROTH, see YEAST EXTRACT PEPTONE DEXTROSE BROTH, page 124

YERSINIA CIN AGAR BASE



➤ CIN AGAR

➤ YERSINIA SELECTIVE AGAR

➤ CEFSULODIN-IRGASAN®-NOVOBIOICIN AGAR BASE

01-444
AOAC / BAM / ISO

Solid differential medium used for the selective isolation of *Yersinia spp.* from highly polluted samples, according to ISO 10273 standard.

This medium requires add Yersinia Selective Supplement (Art. No. 06-143LY01).

FOOD & BEVERAGES
WATER
CLINICAL
PHARMA
COSMETICS
ENVIRONMENTAL
MOLECULAR

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR			
500 g*		01-444-500	●	●		
Yersinia Selective Supplement. 10 vials		06-143LY01	●	●		

YGC BROTH, see CHLORAMPHENICOL GLUCOSE AGAR (CGA), page 53

YM AGAR, see YEAST MALT AGAR, page 125

YM BROTH, see YEAST MALT BROTH, page 125

YSG AGAR, see YEAST STARCH GLUCOSE AGAR, page 125

YSG BROTH, see YEAST STARCH GLUCOSE BROTH, page 126



*For dehydrated media presented in a 500 g package, we are able to offer other formats, including 5 and 25 kg. More information at: helpdesk@scharlab.com.

CONSUMABLES FOR MICROBIOLOGY

Scharlab offers a variety of Scharlab branded consumables suitable to be used in microbiology laboratories, from initial sampling to the inoculation. Along with our Scharlab culture media, you can complete your processes in microbiological controls.

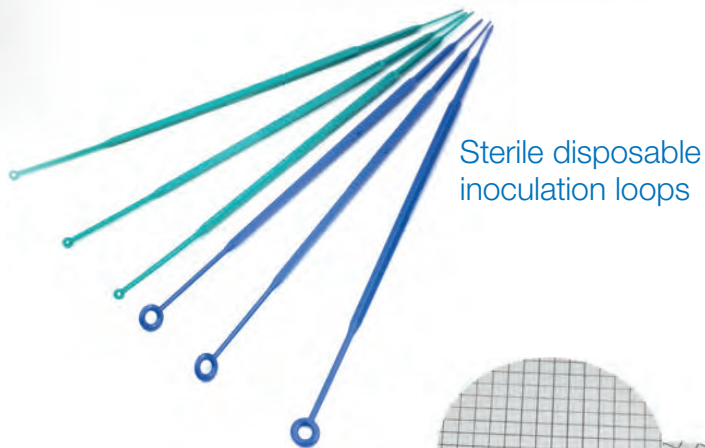


Sterile bags for homogenisation, with and without filter

Universal tips and filter tips for automatic pipettes



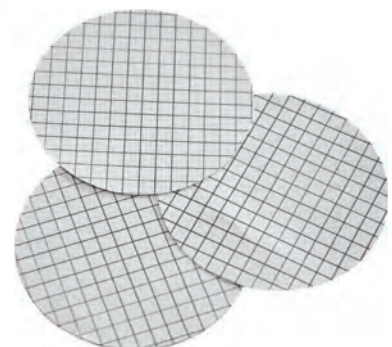
90 mm Petri dishes



Sterile disposable inoculation loops



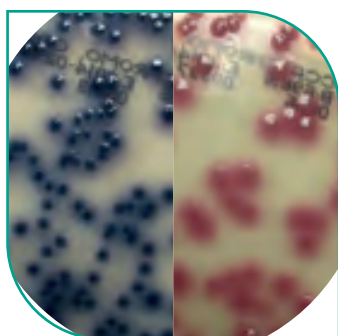
Download here the brochure



Filtration membranes

CHROMOGENIC MEDIA MICROINSTANT®

COLIFORM AGAR BASE (ISO) CHROMOGENIC MICROINSTANT®



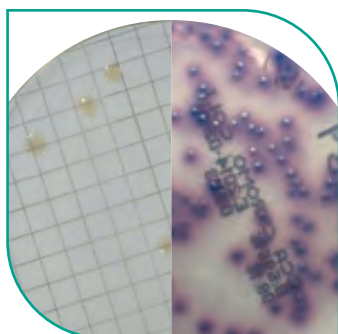
➤ CCA ➤ ACC

01-797
EN / ISO

Selective and differential medium for the detection and enumeration of coliforms and *E. coli* in water samples by MF technique according to ISO 9308-1.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR						
			FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	📦	01-797-500	●	●					
5x500 ml	📦	01-797BA05	●	●					
20 plates of 90 mm Ø	📦	064-PA6065	●	●					
30 plates of 55 mm Ø	📦	064-PF6021	●	●		●			

COLIFORM AGAR BASE CHROMOGENIC MICROINSTANT®



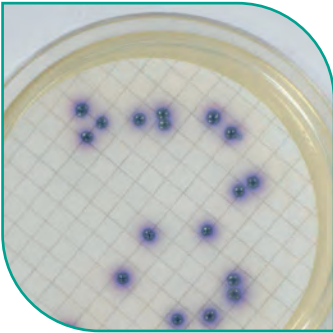
➤ CCA ➤ ACC ➤ CHROMOGENIC COLISTANT AGAR

01-695
BOE

Selective and differential medium for the detection of total coliforms and *E. coli* in water samples by membrane filter method according to ISO 7704. Used in combination with selective supplement for coliforms (Art. No. 06-140LYO1) for inhibition of *Pseudomonas* and *Enterococcus*, it is especially suitable for water analysis.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR						
			FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	📦	01-695-500	●	●				●	
5x500 ml	📦	01-695BA05	●	●				●	
30 plates of 55 mm Ø	📦	064-PF1015	●	●				●	
Coliform CV Selective Supplement. 10 vials	📦	06-140LYO1	●	●				●	

**COLINSTANT AGAR
CHROMOGENIC
MICROINSTANT®**

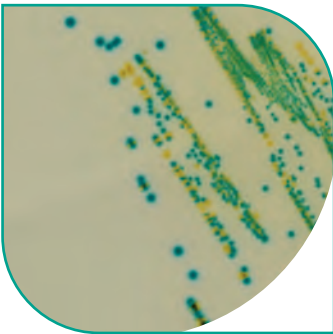


01-618

Solid selective and differential medium for the detection of total coliforms and *E. coli* in water and food samples. Need Coliform CV Selective Supplement (Art. No. 06-140LY01).

PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		01-618-500	●	●					
5x500 ml	☐		01-618BA05	●	●					
10 flasks with 100 ml	☐	Metallic-non injectable cap	064-BA7040	●	●	●		●		
Coliform CV Selective Supplement. 10 vials.	☐		06-140LY01	●	●					

**CRONOBACTER ISOLATION
AGAR (CCI) CHROMOGENIC
MICROINSTANT®**



**01-828
ISO**

A solid medium, selective and differential for the presumptive isolation of *Cronobacter sakasakii* (*E. sakasakii*) in samples of milk and dairy products, according to ISO / TS 22964:2017 and IDF / RM 210.

DESCRIPTION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-828-500	●		●				

MiStraCon®
Microbiologic Strains for Control

ATCC Licensed
Derivative®

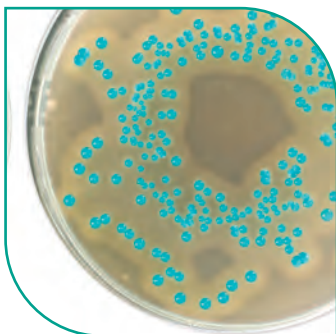
Traceability with the strains of the American Type Culture Collection (ATCC®)



Wide range of microbial strains for microbiological control.
Available in 3 different formats.



LISTERIA OTTAVIANI & AGOSTI AGAR MICROINSTANT®



01-719
ISO

Solid medium for the isolation of *Listeria spp.* and the presumptive identification of *Listeria monocytogenes* according to ISO 11290-1 and 11290-2 standard. Need enrichment Supplement for Agar Listeria O&A (06-754-024) and selective supplement for Agar Listeria O&A (06-755LYO1).

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-719-500	●						
5x500 ml	☐	01-719BA05	●						
20 plates of 90 mm Ø	☉	064-PA0084	●						
Microinstant® Listeria Selective Supplement. 10 vials	☐	06-755LY01	●						
Microinstant® Listeria Enrichment Supplement. 10 vials	☐	06-754-024	●						

SAKAZAKII AGAR CHROMOGENIC MICROINSTANT®



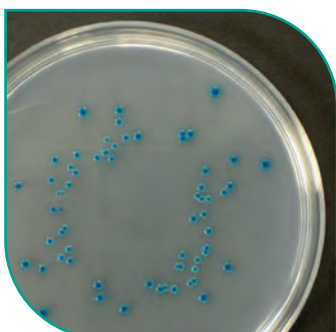
► ESIA

01-744
IDF / ISO

Chromogenic solid medium, selective and differential for the presumptive isolation of *Cronobacter sakazakii* (*E. sakazakii*) in samples of milk and dairy products, according to ISO/TS 22964 and IDF/RM 210.

DESCRIPTION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐	01-744-500	●						
5x500 ml	☐	01-744BA05	●						
20 plates of 90 mm Ø	☉	064-PA0146	●		●				

TRYPTONE BILE GLUCURONIC AGAR (TBX AGAR) MICROINSTANT®



► TBX AGAR

01-619
ISO / SL

Selective and differential solid medium for the detection and enumeration of β -glucuronidasepositive *Escherichia coli* according to ISO 16649-1 and 16649-2 standards.

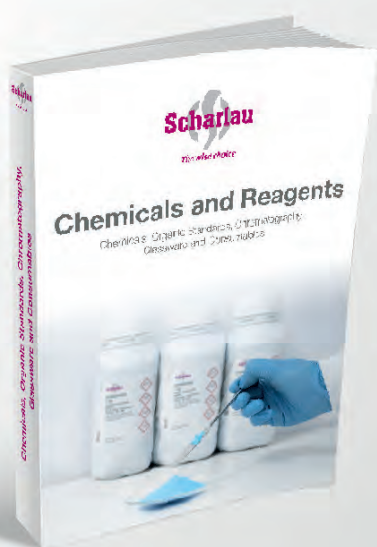
PRESENTATION	TYPE OF PACKAGING	SPECIFICATIONS	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
500 g*	☐		01-619-500	●	●					
5x500 ml	☐		01-619BA05	●	●					
20 plates of 90 mm Ø	☉		064-PA0945	●	●					
10 flasks with 100 ml	☐	Metallic-non injectable cap	064-BA0945	●	●					
10 flasks with 200 ml	☐	Metallic-non injectable cap	064-BA7945	●	●					



NEW CATALOGUE

Chemicals and Reagents

Chemicals,
Organic Standards,
Chromatography,
Glassware
and Consumables



CHROMOGENIC MEDIA CHROMAGAR™

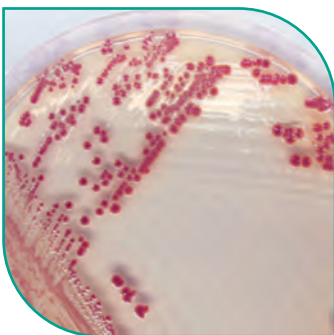
AquaCHROM™ ECC



Chromogenic medium without agar for the simultaneous detection of coliforms and *E. coli* in 100 ml water. No need UV lamp.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
100 tests (10 bags of 10 flasks)	📦	000000X056	FOOD & BEVERAGES WATER CLINICAL PHARMA COSMETICS ENVIRONMENTAL MOLECULAR

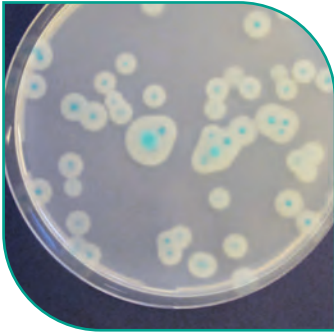
CHROMagar™ ACINETOBACTER



Dehydrated chromogenic medium for detection of *Acinetobacter* spp.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR
Dehydrated medium to prepare 5 litres	📦	00000AC092	FOOD & BEVERAGES WATER CLINICAL PHARMA COSMETICS ENVIRONMENTAL MOLECULAR

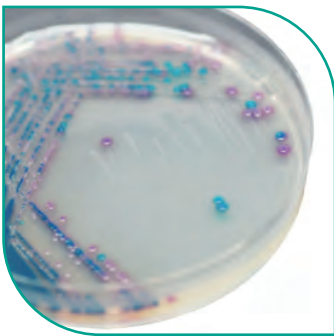
CHROMagar™ B. CEREOUS



Chromogenic dehydrated medium for detection and enumeration of *Bacillus cereus* in environmental and food samples. No need to add egg yolk emulsion.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
Dehydrated medium to prepare 5 litres	☐	00000BC732	●						

CHROMagar™ 3GR

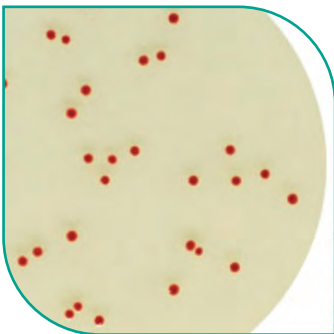


Chromogenic medium for overnight detection of gram-negative bacteria producing extended spectrum β-lactamase.

The product is composed of a powder base (CHROMagar™ Orientation) and 1 supplement (CHROMagar™ C3GR supplement).

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
Dehydrated medium to prepare 5 litres	☐	00000CGR2	●						

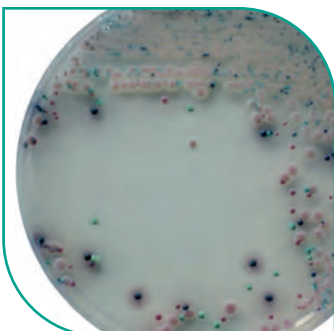
CHROMagar™ CAMPYLOBACTER



Dehydrated chromogenic medium for detection, differentiation and enumeration of the thermotolerant *Campylobacter*.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
Dehydrated medium to prepare 5 litres	☐	00000CP572	●		●				
Dehydrated medium to prepare 25 litres	☐	00000CP573	●		●				

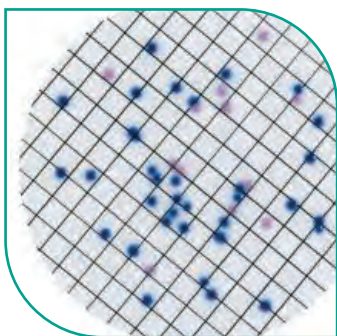
CHROMagar™ CANDIDA



Chromogenic dehydrated medium for the isolation and differentiation of major clinical-significant *Candida* species.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
Dehydrated medium to prepare 5 litres	☐	00000CA222			●				
Dehydrated medium to prepare 25 litres	☐	00000CA223			●				
20 plates 90 mm Ø	Ⓜ	064-PA0076			●				

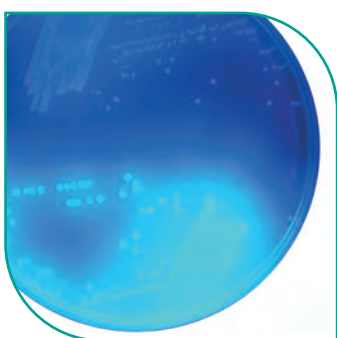
CHROMagar™ CCA



Chromogenic Coliform Agar for the detection and enumeration of β -glucuronidase positive *E. coli* and coliforms in water with low bacterial background flora (according to the ISO 9308-1 standard).

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
Dehydrated medium to prepare 5 litres	☐	00000EF342	●	●					

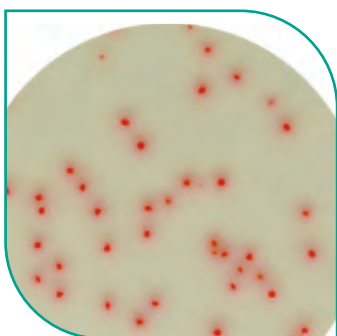
CHROMagar™ C. DIFFICILE



Fluorogenic dehydrated medium extremely sensitive and selective for isolation and direct differentiation of *Clostridium difficile*.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
Dehydrated medium to prepare 5 litres	☐	00000CD122					●		

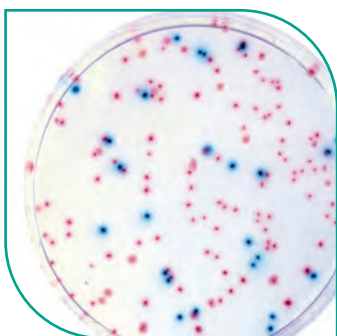
CHROMagar™ C. PERFRINGENS



Chromogenic dehydrated medium for detection and enumeration of *Clostridium perfringens*.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
Dehydrated medium to prepare 5 litres	☐	00000PF652	●	●				●	

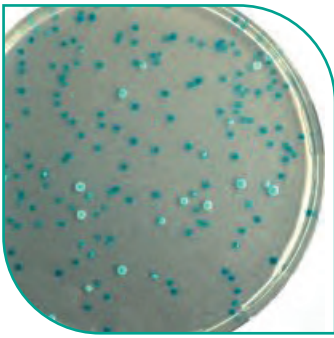
CHROMagar™ ECC



Chromogenic dehydrated medium for the simultaneous detection and enumeration of *E. coli* and other coliforms in food and water samples.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
Dehydrated medium to prepare 5 litres	☐	00000EF322	●	●					
Dehydrated medium to prepare 25 litres	☐	00000EF323	●	●					

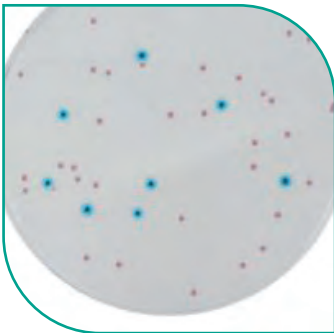
CHROMagar™ E. COLI



Chromogenic dehydrated medium for detection and enumeration of *E. coli* in food and water samples.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
Dehydrated medium to prepare 5 litres	☐	00000EC168	●	●					
Dehydrated medium to prepare 25 litres	☐	00000EC169	●	●					

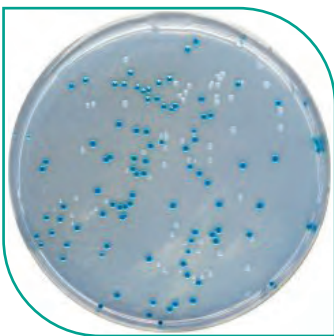
CHROMagar™ ENTEROBACTERIA



Chromogenic medium for detection and enumeration of *Enterobacteriaceae*.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
Dehydrated medium to prepare 5 litres	☐	00000EB042	●	●					

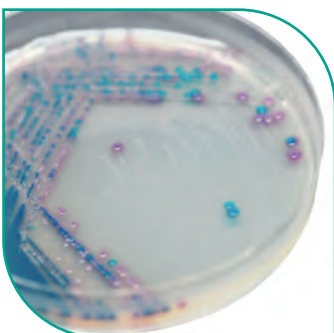
CHROMagar™ E. SAKAZAKII



Chromogenic medium for detection of *E. sakazakii* in food, mainly powdered milk, according to the ISO/TS 22964 standard.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
Dehydrated medium to prepare 5 litres	☐	00000CS812	●						

CHROMagar™ ESBL

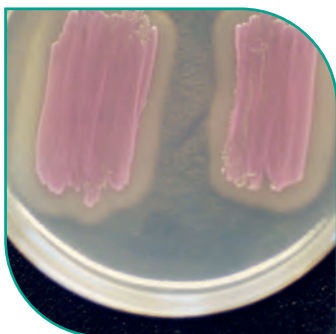


Chromogenic medium for overnight detection of gram-negative bacteria producing extended spectrum β-lactamase.

The product is composed of a powder base (CHROMagar™ Orientation) and 1 supplement (CHROMagar™ ESBL supplement).

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
Dehydrated medium to prepare 5 litres	☐	00000ESRT2			●				
20 plates 90 mm Ø	⊙	064-PA1039			●				

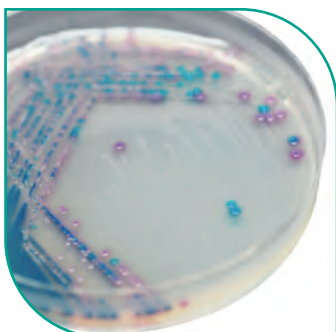
CHROMagar™ IDENTIFICATION LISTERIA



Chromogenic medium for confirmation of *Listeria monocytogenes* species from suspect colonies on CHROMagar™ Listeria. Combined with the medium (Art. No. 00000LM852, CHROMagar™ Listeria) allows the simple confirmation of *Listeria monocytogenes* in 2 days.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
Dehydrated medium to prepare 250 ml	<input type="checkbox"/>	00000LK970	●						

CHROMagar™ KPC

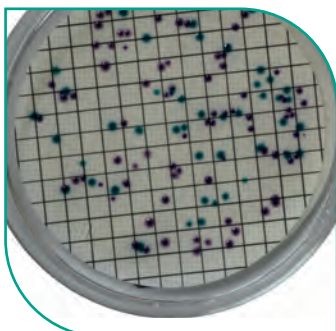


Chromogenic medium for detection of gram-negative bacteria with a reduced susceptibility to most of the carbapenem agents.

The product is composed of a powder base (CHROMagar™ Orientation) and 1 supplement (CHROMagar™ KPC supplement).

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
Dehydrated medium to prepare 5 litres	<input type="checkbox"/>	00000KPRT2	●						

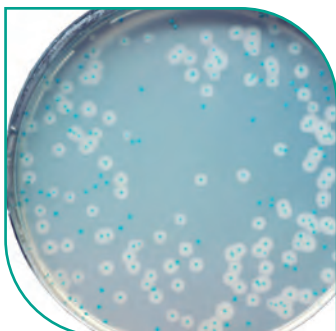
CHROMagar™ LIQUID ECC



Chromogenic dehydrated medium for the simultaneous detection and enumeration of *E. coli* and other coliforms in water samples.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
Dehydrated medium to prepare 5 litres	<input type="checkbox"/>	00000EL382		●					

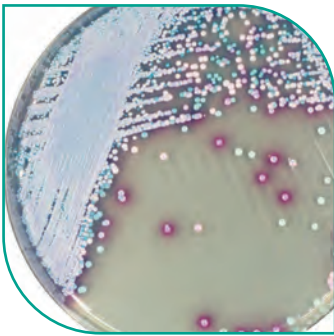
CHROMagar™ LISTERIA



Chromogenic dehydrated medium for detection, differentiation, enumeration and confirmation of *Listeria monocytogenes* from other bacteria in food samples.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
Dehydrated medium to prepare 5 litres	<input type="checkbox"/>	00000LM852	●						

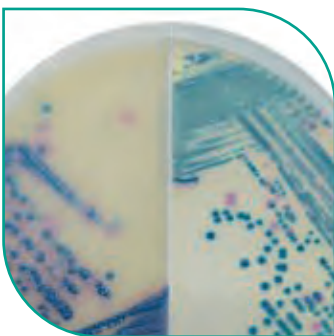
CHROMagar™ MALASSEZIA



Chromogenic dehydrated medium for detection of *Malassezia* spp.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
Dehydrated medium to prepare 5 litres	☐	00000MZ282	●		●				

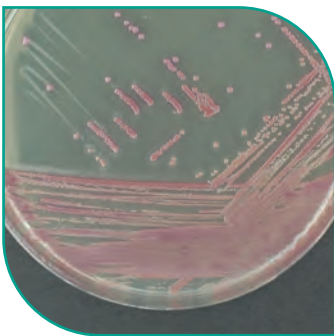
CHROMagar™ MASTITIS



Chromogenic medium for a fast and simple differentiation of the bacteria involved in mastitis infections (kit with 2 different chromogenic media, one for other Gram positive bacteria and to Gram-negative bacteria).

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
Dehydrated medium to prepare 5 litres	☐	00000MS252	●						

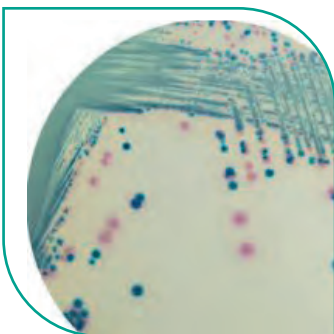
CHROMagar™ MRSA



Chromogenic dehydrated medium for isolation and differentiation of Methicillin Resistant *Staphylococcus aureus* (MRSA), including low level MRSA.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
Dehydrated medium to prepare 5 litres	☐	00000MR502					●		

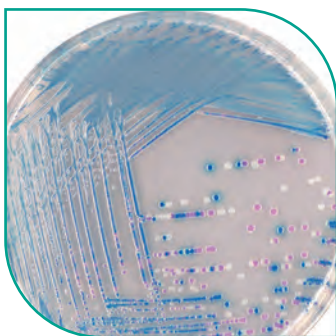
CHROMagar™ mSuperCARBA™



Chromogenic medium for detection and isolation of Carbapenemase-producing Enterobacteriaceae (CPE). The product is composed of a powder base (B) and 2 supplements S1 (Growth factors mix) + S2 (Selective mix).

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
Dehydrated medium to prepare 5 litres	☐	00000SC172					●		
20 plates of 90 mm Ø	⊕	064-PA6079					●		

CHROMagar™ 0157



Chromogenic dehydrated medium for the selective isolation and differentiation of *E. coli* O157 in clinical and food samples. Medium alternative to Sorbitol MacConkey Agar. The selectivity of the medium can be increased by adding Potassium tellurite.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
Dehydrated medium to prepare 5 litres	☐	0000EE222	●		●				
Dehydrated medium to prepare 25 litres	☐	0000EE223	●		●				

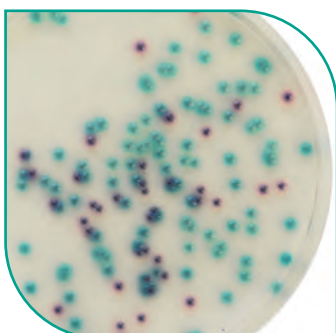
CHROMagar™ ORIENTATION



Chromogenic dehydrated medium for isolation and differentiation of urinary tract pathogens. It can also be used as a general nutrient agar for the isolation of pathogens.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
Dehydrated medium to prepare 5 litres	☐	0000RT412	●		●				
Dehydrated medium to prepare 25 litres	☐	0000RT413	●		●				
20 plates of 90 mm Ø	⊗	064-PA0077	●		●				

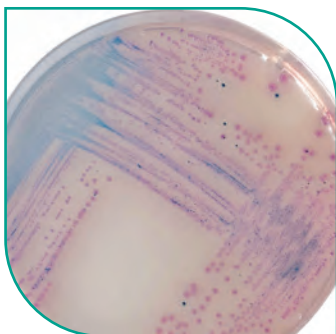
CHROMagar™ PSEUDOMONAS



Chromogenic dehydrated medium for isolation and detection of *Pseudomonas* spp. Applicable to the membrane filtration technique.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
Dehydrated medium to prepare 5 litres	☐	0000PS832	●		●				
30 plates of 55 mm Ø	☐	064-PF6025	●	●					

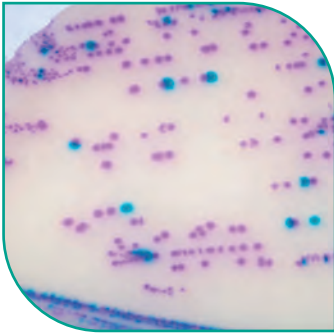
CHROMagar™ SALMONELLA



Chromogenic dehydrated medium for detection and isolation of *Salmonella*.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
Dehydrated medium to prepare 5 litres	☐	0000SA132			●				
Dehydrated medium to prepare 25 litres	☐	0000SA133			●				

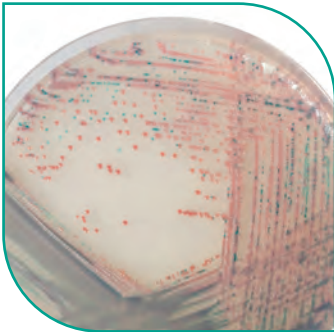
**CHROMagar™
SALMONELLA PLUS**



Chromogenic dehydrated medium for detection and isolation of *Salmonella* species including lactose positive *Salmonella* in food specimens according to ISO 6579 standard.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR							
			FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR	
Dehydrated medium to prepare 5 litres	<input type="checkbox"/>	00000SA162	●							
Dehydrated medium to prepare 25 litres	<input type="checkbox"/>	00000SA163	●							
20 plates 90 mm Ø	<input checked="" type="checkbox"/>	064-PA0083	●							
Opaque supplement for 25 litres	<input type="checkbox"/>	00SU703-25	●							

CHROMagar™ STAPH AUREUS



Chromogenic dehydrated medium for isolation and direct differentiation of *Staphylococcus aureus*.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR							
			FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR	
Dehydrated medium to prepare 5 litres	<input type="checkbox"/>	00000TA672	●		●					

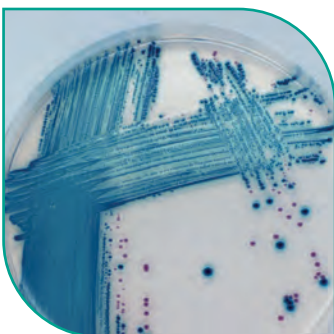
**CHROMagar™
STAPHYLOCOCCUS**



Chromogenic dehydrated medium for the detection and isolation of *Staphylococcus* spp.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR							
			FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR	
Dehydrated medium to prepare 5 litres	<input type="checkbox"/>	00000CQ382	●							

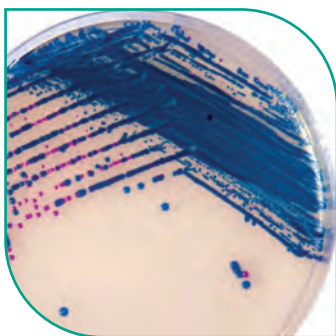
CHROMagar™ STEC



Chromogenic dehydrated medium for detection of Shiga-Toxin producing *E. coli* (STEC).

PRESENTATION	TYPE OF PACKAGING	ART. NO.	SECTOR							
			FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR	
Dehydrated medium to prepare 5 litres	<input type="checkbox"/>	00000ST162	●		●					

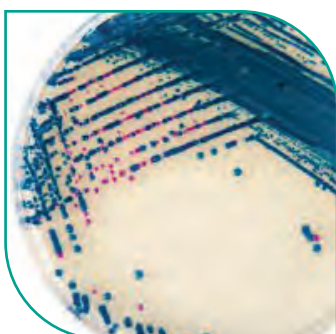
CHROMagar™ STREP B



Chromogenic dehydrated medium for the isolation and differentiation of *Streptococcus agalactiae* (GBS).

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
Dehydrated medium to prepare 5 litres	<input type="checkbox"/>	00000SB282			●				
Dehydrated medium to prepare 25 litres	<input type="checkbox"/>	00000SB283			●				

CHROMagar™ STREPTOCOCCUS



Chromogenic dehydrated medium for detection and isolation of *Streptococcus spp.*

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
Dehydrated medium to prepare 5 litres	<input type="checkbox"/>	00000CQ392	●						

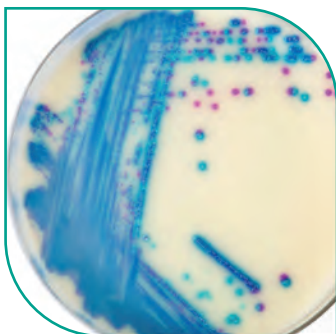
CHROMagar™ VIBRIO



Chromogenic dehydrated medium for isolation and detection of *V. parahaemolyticus*, *V. vulnificus* and *V. cholerae*.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
Dehydrated medium to prepare 5 litres	<input type="checkbox"/>	00000VB912	●						

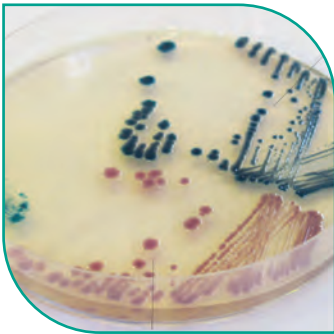
CHROMagar™ VRE



Chromogenic dehydrated medium for detection of Van A / Van B VRE: *faecalis* & VRE: *faecium*.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
Dehydrated medium to prepare 5 litres	<input type="checkbox"/>	00000VR952			●				
Dehydrated medium to prepare 25 litres	<input type="checkbox"/>	00000VR953			●				

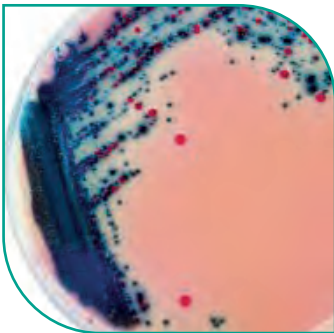
CHROMagar™ YERSINIA ENTEROCOLITICA



Chromogenic dehydrated medium for detection and direct differentiation of pathogenic *Yersinia enterocolitica*.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
Dehydrated medium to prepare 5 litres	☐	00000YE492	●		●				

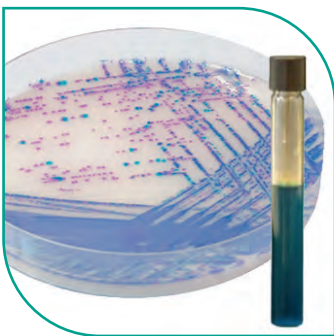
RAMBACH™ AGAR



Chromogenic dehydrated medium for detection and isolation of *Salmonella* species in clinical and food samples.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
Dehydrated medium to prepare 5 litres	☐	00000RR702	●						
Dehydrated medium to prepare 25 litres	☐	00000RR703	●						
20 plates 90 mm Ø	⊙	064-PA0082	●						

RAMBAQUICK™ SALMONELLA



Enrichment broth for rapid detection of *Salmonella* species.

PRESENTATION	TYPE OF PACKAGING	ART. NO.	FOOD & BEVERAGES	WATER	CLINICAL	PHARMA	COSMETICS	ENVIRONMENTAL	MOLECULAR
Dehydrated medium to prepare 1 litre	☐	00000SQ001	●		●				

CHROMOGENIC MEDIA COMPACT DRY®

COMPACT DRY® AQ

The plate contains a nutrient-poor medium for determining the colony count of heterotrophic organisms in treated drinking water and ultra-pure water.

PRESENTATION	TYPE OF PACKAGING	ART. NO.
40 plates	☉	0001002960
240 plates	☉	0001002951

COMPACT DRY® CF (Coliforms)

Coliforms detection medium.

PRESENTATION	TYPE OF PACKAGING	ART. NO.
40 plates	☉	0001000867
240 plates	☉	0001000868

COMPACT DRY® EC (Coliforms and *E. coli*)

Coliforms and *Escherichia coli* detection medium.

PRESENTATION	TYPE OF PACKAGING	ART. NO.
40 plates	☉	0001000168
240 plates	☉	0001000169

COMPACT DRY® ETB (Enterobacterias)

Enterobacterias detection medium.

It recommends to use the temperature according to the specification used in each analysis.

PRESENTATION	TYPE OF PACKAGING	ART. NO.
40 plates	☉	0001002941
240 plates	☉	0001002942

COMPACT DRY® ETC (Enterococos)

Chromogenic medium for detection of Enterococos.

PRESENTATION	TYPE OF PACKAGING	ART. NO.
40 plates	☉	0001002944
240 plates	☉	0001002945

COMPACT DRY® LS (*Listeria spp.*)

Chromogenic medium for detection of *Listeria spp.*

PRESENTATION	TYPE OF PACKAGING	ART. NO.
40 plates	☉	0001000899
240 plates	☉	0001001013

COMPACT DRY® PA

Compact Dry PA meets the properties of dry medium and chromogenic contact plates gel. It serves to confirm the presence of *Pseudomonas aeruginosa* in samples of food, feed, water, cosmetics or other materials samples.

PRESENTATION	TYPE OF PACKAGING	ART. NO.
40 plates	90	0001002947
240 plates	90	0001002948

COMPACT DRY® SL (*Salmonella*)

Salmonella detection medium, after 20-24 hours before enrichment in pre-enrichment broths.

PRESENTATION	TYPE OF PACKAGING	ART. NO.
40 plates	90	0001002973
240 plates	90	0001002938

COMPACT DRY® TC (Total counting)

Total counting medium for aerobic microorganisms.

PRESENTATION	TYPE OF PACKAGING	ART. NO.
40 plates	90	0001000166
240 plates	90	0001000167

COMPACT DRY® VP (*Vibrio parahaemolyticus*)

Vibrio parahaemolyticus detection medium allowing its differentiation from other vibrios, thanks to the presence in the middle of a chromogenic substrate for this organism.

PRESENTATION	TYPE OF PACKAGING	ART. NO.
40 plates	90	0001000900
240 plates	90	0001001014

COMPACT DRY® X-BC (*Bacillus cereus*)

Bacillus cereus detection medium.

PRESENTATION	TYPE OF PACKAGING	ART. NO.
40 plates	90	0001002970
240 plates	90	0001002971

COMPACT DRY® XSA (*Staphylococcus aureus*)

Staphylococcus aureus detection and differentiation medium.

PRESENTATION	TYPE OF PACKAGING	ART. NO.
40 plates	90	0001002950
240 plates	90	0001002961

COMPACT DRY® YM RAPID (Moulds and yeasts)

Moulds and yeasts detection medium.

PRESENTATION	TYPE OF PACKAGING	ART. NO.
40 plates	90	0001000869
240 plates	90	0001000870

COMPACT DRY® SWABS FOR SURFACES

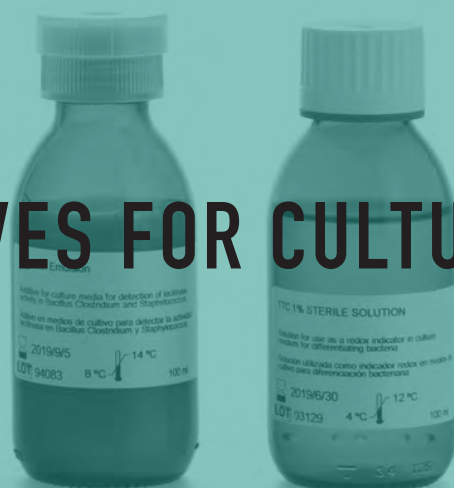
PRESENTATION	ART. NO.
40 swabs	0001002953
240 swabs	0001002952

RACK DILUTION

The dilution rack contains 4 wells of 9 ml peptone water Buffered Saline. Pipetting 1 ml well in well allows a simple way to perform a bank 1/10 dilutions of samples.

PRESENTATION	ART. NO.
Dilution rack	0001000888
Opener	0001000887

ADDITIVES FOR CULTURE MEDIA



n-ACETYL-CYSTEINE

DESCRIPTION	PRESENTATION	TYPE OF PACKAGING	ART. NO.
N-acetylcysteine	25 g	☐	16028-0250

EGG'S YOLK STERILE EMULSION

06-016

Additive used in culture media for detecting lecithinase in species such as *Bacillus*, *Clostridium* and *Staphylococcus*. Added as an additive to the medium: *Bacillus cereus* Agar Base (MYPA) Art. No. 01-262, *Bacillus cereus* Selective Agar Base (PEMBA Agar) Art. No. 01-487 and Tryptose Sulfite Cycloserine Agar Base (TSC Agar) Art. No. 01-278.

DESCRIPTION	PRESENTATION	TYPE OF PACKAGING	ART. NO.
Egg's Yolk sterile Emulsion	50 ml	☐	0BA1019-50
Egg's Yolk sterile Emulsion	100 ml	☐	06-016-100

EGG'S YOLK TELLURITE STERILE EMULSION

064-BA1018

Additive specially formulated to be added to the Baird-Parker Agar Base Art. No. 01-030.

DESCRIPTION	PRESENTATION	TYPE OF PACKAGING	ART. NO.
Egg's Yolk Tellurite sterile Emulsion	50 ml	☐	0BA1018-50
Egg's Yolk Tellurite sterile Emulsion	100 ml	☐	064-BA1018
Egg's Yolk Tellurite sterile Emulsion with NaCl	100 ml	☐	06-026-100

IODINE POTASSIUM- IODIDE SOLUTION

064-V11108 ISO

Iodine solution for addition to Müller Kaufman Tetrathionate Novobiocine medium (Art. No. 02-335) formulated according to ISO 6579.

DESCRIPTION	PRESENTATION	TYPE OF PACKAGING	ART. NO.
Iodine-iodide solution	50 ml	☐	064-V11108
Potassium iodide	250 g	☐	P004100250
Iodine	100 g	☐	Y000210100

β-LACTAMASE PENASE 20.000 UL/ml

064-V11111 EP / USP

Sterile reagent to be added, as inhibitor of beta-lactamic antibiotics, into many microbiological culture media according to European Pharmacopoeia 6.0 and USP 32- NF 27.

DESCRIPTION	PRESENTATION	TYPE OF PACKAGING	ART. NO.
β-Lactamase PENASE 20.000 UL/ml	1 flask of 100 ml	☐	064-V11111

POLYSORBATE 80 (POLYOXYETHYLENE SORBITAN MONOOLEATE)

TW0080

Additive for culture media. In some cases acts as a nutrient and other emulsifier.

DESCRIPTION	PRESENTATION	TYPE OF PACKAGING	ART. NO.
Polysorbate 80	100 ml	☐	TW00800100
Polysorbate 80	1 litre	☐	TW00801000

POTASSIUM TELLURITE STERILE SOLUTION

Additive for selective media for *Staphylococcus*, *Corynebacterium*, *Streptococcus* and *Vibrio*. Its function is to prevent the growth of most gram-negative and those gram-positive incapable of reducing tellurite. Added to media such as Giolitti Cantoni Broth Art. No. 02-230 and Vogel-Johnson Agar Art. No. 01-206.

DESCRIPTION	PRESENTATION	TYPE OF PACKAGING	ART. NO.
Potassium Tellurite Sterile Solution 1%	100 ml	☐	06-089-100
Potassium Tellurite Sterile Solution 3.5%	100 ml	☐	06-011-100

ROSOLIC ACID SOLUTION 1%

064-BA8005

Additive with alcohol base, indicated to supplement medium m-FC Agar (01-287).

DESCRIPTION	PRESENTATION	TYPE OF PACKAGING	ART. NO.
Rosolic Acid Solution 1%	100 ml	☐	064-BA8005

SKIMMED MILK POWDER

06-019

Bacteriology grade. Can be used alone or as an additive in media for the culture of lactic acid bacteria and identification of microorganisms able to coagulate of peptonise milk. Can be added to media such as TSA Art. No. 01-200 and Nutrient Agar Art. No. 01-144 to detect caseolytic activity.

DESCRIPTION	PRESENTATION	TYPE OF PACKAGING	ART. NO.
Skimmed milk powder	500 g	☐	06-019-500
Skimmed milk powder	5000 g	☐	06-019-005

SODIUM BIASELENITE

S00160

Suitable for incorporation in the following media: Selenite Cystine Broth Base Art. No. 02-602 and Selenite Broth Base Art. No. 02-598.

DESCRIPTION	PRESENTATION	TYPE OF PACKAGING	ART. NO.
Sodium Biselenite	100 g	☐	S001600100

TTC (TRYPHENIL- TETRAZOLIUM CHLORIDE) 1%, STERILE SOLUTION

06-023

Used as an additive in culture media to indicate biological activity, as the colourless form is reduced to an insoluble red pigment, triphenyl formazan, which is easily visible. This product is added in particular to: Chapman TTC Agar Base Art. No. 01-053 and KF Agar Art. No. 01-294.

DESCRIPTION	PRESENTATION	TYPE OF PACKAGING	ART. NO.
TTC sterile solution 1%	100 ml	☐	06-023-100

UREA, STERILE SOLUTION 40%

Urea solution sterilised by filtration suitable for incorporation into culture media, specially Urea Agar Art. No. 01-261 and Urea Broth Art. No. 02- 202.

DESCRIPTION	PRESENTATION	TYPE OF PACKAGING	ART. NO.
Urea, sterile solution 40%	100 ml	☐	06-083-100

VASELINE, STERILE

06-077

Liquid solution that is added to certain media to reach anaerobic conditions. It is specially recommended for addition to tubes with OF Medium Art. No. 03-037.

DESCRIPTION	PRESENTATION	TYPE OF PACKAGING	ART. NO.
Vaseline, sterile	100 ml	☐	06-077-100

INGREDIENTS AND CHEMICAL PRODUCTS FOR MICROBIOLOGY

A selection of necessary ingredients and chemical products for the preparation of culture media.

DESCRIPTION	PRESENTATION	TYPE OF PACKAGING	ART. NO.
Agar Bacteriological	500 g	□	07-004-500
Ammonium chloride, reagent grade	500 g	⊖	AM02730500
L-Arginine extra pure	50 g	⊖	AR01250050
L-Asparagine	25 g	⊖	AS00150025
Beef extract	500 g	□	07-515-500
Bile	500 g	□	07-039-500
Bile salts No. 3	500 g	□	07-525-500
Buffer solution pH = 4.00	250 ml	⊖	SO10040250
Buffer solution pH = 7.00	250 ml	⊖	SO10070250
Casein acid hydrolysate	500 g	□	07-151-500
L-Cysteine hydrochloride anhydrous, extra pure	25 g	⊖	CI03050025
D-Glucose (Dextrose)	500 g	⊖	GL01250500
Ethanol 96% v/v, MultiSolvent®	1 l	⊖	ET00131000
Ethanol absolute, synthesis grade	1 l	⊖	ET00021000
D(-)-Fructose, extra pure	500 g	□	LE00700500
Fuchsin Basic, C.I. 42510	25 g	⊖	FU00600025
Gelatin pancreatic peptone	500 g	□	07-153-500
Gelatin powder for analysis and bacteriology	250 g	⊖	GE00200250
Glycerol, 99.5%	1 l	⊖	GL00261000
L-Histidine hydrochloride monohydrate, extra pure, European Pharmacopoeia	25 g	⊖	HI04050025
Hydrochloric acid, solution 0,1 mol/L (0,1 N)	1 l	⊖	AC07461000
Hydrochloric acid, solution 1 mol/L (1 N)	1 l	⊖	AC07441000
Hydrogen peroxide, 30% w/w, extra pure	1 l	⊖	HI01351000
Immersion oil, for microscopy	100 ml	⊖	AC00310100
L-Isoleucine, extra pure	25 g	⊖	IS01400025
Lactalbumin hydrolysate	500 g	□	07-455-500
D(+)-Lactose monohydrate	500 g	⊖	LA00600500
Lecithin	500 g	□	07-342-500
L-Leucine, pure extra, European Pharmacopoeia, USP	25 g	⊖	LE00550025
Liver Peptone	2500 g	□	07-6140025
L-Lysine monohydrochloride, synthesis grade	1 kg	⊖	LI00351000
Malt extract	500 g	□	07-080-500
Maltose	500 g	⊖	MA01000500
D(-)-Mannitol, reagent grade	500 g	⊖	MA01500500
D(+)-Mannose, for biochemistry	10 g	⊖	MA01600010
Meat extract	500 g	□	07-075-500
Meat peptone	500 g	□	07-152-500

DESCRIPTION	PRESENTATION	TYPE OF PACKAGING	ART. NO.
Mixture No. 3	500 g	□	07-716-500
L-Ornithine hydrochloride, extra pure	25 g	⊖	OR00550025
Potassium iodide, reagent grade, ACS, ISO	250 g	□	PO04100250
Potato peptone	500 g	□	07-620-500
Proteose peptone No. 3	500 g	□	07-625-500
Rosolic acid, C.I. 43800, indicator for microscopy	10 g	⊖	AC19900010
D(+)-Saccharose, extra pure	500 g	⊖	SA00200500
D-Salicin, for biochemistry	25 g	⊖	SA02000025
Skimmed milk, powder	500 g	□	06-019-500
Sodium deoxycholate	100 g	⊖	SO02570100
Sodium deoxycholate	500 g	⊖	SO02570500
Sodium L-glutamate monohydrate, extra pure	500 g	⊖	SO04000500
Sodium pyruvate	100 g	⊖	SO05900100
Sodium pyruvate	500 g	⊖	SO05900500
Sodium pyruvate	500 g	□	07-636-500
D(-)-Sorbitol, extra pure	250 g	⊖	SO08500250
Soy Peptone	500 g	□	07-155-500
D-Trehalose, for bacteriology	5 g	⊖	TR00300005
Triton® X-100, extra pure	1 l	⊖	TR04441000
Tryptone- Casein Pancreatic Peptone (industrial fermentation processes)	500 g	□	07-154-500
Tryptone-Casein Trypsin Peptone (culture media preparation)	500 g	□	07-119-500
Tryptone-Peptone from Casein	500 g	□	07-489-500
L-Tryptophan, extra pure	25 g	⊖	TR04000025
Tryptose	500 g	□	07-197-500
L-Tyrosine, extra pure	100 g	⊖	TI03250100
L-Valine, extra pure	25 g	⊖	VA00550025
D(+)-Xylose, extra pure	100 g	⊖	XI00800100
Yeast extract	500 g	□	07-079-500
Zinc powder, extra pure	500 g	⊖	CI01450500

 5 and 5 kg bulks are available.



SELECTIVE SUPPLEMENTS

Supplements - freeze dried

Freeze dried supplements

By means of the freeze-drying technique we can assure a standardised quality that will yield reliable results without any loss in performance of the selective medium. The freeze-dried solid presentation dissolves easily and quickly.

Screw cap for easy and safe handling

The standard closure offered by other manufactures, which consists of a rubber septum with an outer aluminium cap may lead to undesirable accidents. Its removal requires a tool, takes some time and may cause injuries.

For this reason, we offer our vials with a screw cap a much safer, faster and easier to open as alternative.

You may directly remove the septum from the freeze-dried supplement or alternatively you may use a syringe, perforate our septum with a needle and that way transfer the solvent to the supplement vial.


Presentation

Our standard vials contain sufficient supplement to prepare 500 ml of medium. Each box contains 10 vials of supplement except for some references.

Shelf life and storage

Products can be stored at a wide temperature range between 2° to 25°C. Shelf life is between 3 and 4 years depending on the product.

Fluid rehydration - 6 ml

DESCRIPTION	TYPE OF PACKAGING	ART. NO.
Sterile diluent reconstitution 10 vials		06-756-006



Supplemented preparations

SUPPLEMENT	MICROORGANISMS	TYPE OF PACKAGING	MEDIUM ART. NO.	MEDIUM	ART. NO.
Microinstant® Listeria Enrichment Supplement	Listeria		01-719	Microinstant® Chromogenic Listeria Agar according to Ottaviani & Agosti (01-719)	06-754-024

Freeze-dried supplements

SUPPLEMENT	ART. NO.	MICROORGANISMS	TYPE OF PACKAGING
Ampicillin Selective Supplement	06-126LY01	Aeromonas	
Brilliant Green + Novobiocin Selective Supplement	06-017LY01	Salmonella	
Burkholderia cepacia Selective Supplement	06-737LY01	Burkholderia cepacia	
Burkholderia cepacia Selective Supplement (0FPBL)	06-741LY01	Burkholderia cepacia	
Campylobacter Bolton Selective Supplement	06-131LY01	Campylobacter	
Campylobacter CCDA Selective Supplement	06-133LY01	Campylobacter	
CFC Pseudomonas Selective Supplement	06-726LY01	Pseudomonas	
Chloramphenicol Selective Supplement (25 mg)	06-118LY01	Yeasts and moulds	
CN Pseudomonas Selective Supplement	06-742LY01	Pseudomonas	
Coliform CV Selective Supplement	06-140LY01	Coliform / E. coli	
m-CP Selective Supplement	06-125LY01	Clostridium	
CT SMAC Selective Supplement	06-146LY01	E. coli O157:H7	
Cycloheximide Selective Supplement	06-022LY01	Fermenting microorganisms	
D-Cycloserine Selective Supplement (250 ml of medium)	06-116LY01	Clostridium	
Ferric Ammonium Citrate Supplement (250 mg)	06-112LY01	Listeria	
Ferric Ammonium Citrate Supplement (312 mg)	06-113LY01	Clostridium	
GPS - Growth Promotion Supplement	06-144LY01	Neisseria	 Glucose is included in the diluent vial
Legionella BCYE Growth Supplement	06-137LY01	Legionella	
Legionella BCYE without Cysteine Supplement	06-134LY01	Legionella	
Legionella GVPC Selective Supplement	06-138LY01	Legionella	



Freeze-dried supplements (10 bottles)



MEDIUM ART. NO.	COMPOSITION PER VIAL	MEDIUM
01-352 01-034	2.5 mg of Ampicilline	Blood Agar Base Blood Agar Base (Columbia)
02-335	5 mg of Brilliant green 20 mg of Novobiocin	Müller-Kauffmann Tetrathionate Broth
01-736	300,000 IU Polymixin B Sulphate 5 mg Gentamicin 1.25 mg Vancomycin	Burkholderia cepacia Selective Agar Base (BCSA)
01-739	300,000 IU Polymixin B Sulphate 100 IU Bacitracin	Burkholderia cepacia Selective Agar Base (OFPBL Base)
02-688	10 mg of Vancomycin 10 mg of Cefoperazone 10 mg of Trimethoprim 5 mg of Anphotericine B sulfate	Bolton Enrichment Broth Base
01-685	16 mg of Cefoperazone 5 mg of Anphotericine B sulfate	Charcoal Cefoperazone Deoxycholate (CCD) Modified Agar Base
01-728	5.0 mg Cetrimide 5.0 mg Fucidin 25.0 mg Cephalosporin	Pseudomonas Agar Base
01-165	25 mg of Chloramphenicol	Sabouraud Dextrose Agar
01-728	100.0 mg Cetrimide 7.5 mg Nalidixic Acid, sodium salt	Pseudomonas Agar Base
01-618 01-695	2.5 mg of Cefsulodin 2.5 mg of Vancomycin	Colinstant Agar Chromogenic Coliform Agar (CCA Agar)
01-513	200 mg of D-Cycloserine 12.5 mg of Polymyxin B sulfate 30 mg of 3-indoxyl-β-D-glucopyranoside 50 mg of Phenolphthalein bi-phosphate 45 mg of Iron III chloride	m-CP Agar Base
01-729	1.25 mg Potassium tellurite 0.025 mg Cefixime	MacConkey Sorbitol Agar
01-210	2 mg of Cycloheximide	WL Nutrient Agar
01-278	100 mg of D-Cycloserine	Tryptose Sulfite Cycloserine Agar (TSC Agar)
02-496	250 mg of Ammonium ferric citrate	Listeria Enrichment Broth Base (Fraser)
02-519	312 mg of Ferric ammonium citrate	Lactose Sulfite Broth Base
01-310	0.1 mg of Vitamin B12 100 mg of L-glutamine 10 mg of Adenine SO ₄ 0.3 mg of Guanine HCl 0.13 mg of p-Aminobenzoic acid 11 mg of L-cystine 2.5 mg of NAD 1 mg of Cocarboxylase 0.2 mg of Ferric nitrate 0.03 mg of Vitamin B1 (Thiamine HCl) 259 mg of Cysteine HCl 1 g of Glucose	GC Agar Base
01-687 064-PA0017	3.6 g of ACES Buffer 1.4 g of Potassium hydroxid 0.125 g of Ferric pyrophosphate 0.200 mg of L-cysteine HCl	BCYE Legionella Agar Base
064-PA6001	3.6 g of ACES Buffer 1.4 g of Potassium hydroxid 0.125 g of Ferric pyrophosphate	BCYE Legionella Agar Base
064-PA0017	0.5 mg of Vancomycin 40.000 IU of Polymyxin B sulfate 40 mg of Cycloheximide 1.5 g of Glycine (ammonia free)	BCYE Legionella Agar Base

Freeze-dried supplements

SUPPLEMENT	ART. NO.	MICROORGANISMS	TYPE OF PACKAGING
Listeria Selective Supplement for Enrichment (FDA and IDF/FIL)	06-107LY01	<i>Listeria</i>	
Listeria Selective Supplement for Primary Enrichment (UVM I)	06-106LY01	<i>Listeria</i>	
Listeria Selective Supplement for Primary Enrichment Half Fraser (Each vial supplements 225 ml of medium)	06-136LY01	<i>Listeria</i>	
Listeria Selective Supplement for Primary Enrichment Half Fraser (Each vial supplements 500 ml of medium)	06-145LY01	<i>Listeria</i>	
Listeria Selective Supplement for Secondary Enrichment (UVM II / Fraser)	06-111LY01	<i>Listeria</i>	
Listeria Selective Supplement for Secondary Enrichment (UVM II / Fraser) with Ferric Ammonium Citrate (250 mg)	06-790LY01	<i>Listeria</i>	
Microinstant® Listeria Selective Supplement	06-755LY01	<i>Listeria</i>	
MUG Fluorescent Supplement	06-102LY01	Coliform	
Nalidixic Acid Selective Supplement	06-124LY01	<i>Pseudomonas</i>	
Novobiocin Selective Supplement (10 mg)	06-139LY01	<i>Salmonella</i> <i>E. coli</i> O157:H7	
Oxford Agar Selective Supplement	06-127LY01	<i>Listeria</i>	
Oxytetracycline Selective Supplement	06-115LY01	Yeasts and Moulds	
Palcam Agar Selective Supplement	06-110LY01	<i>Listeria</i>	
Polymyxin B sulfate Selective Supplement	06-021LY01	<i>Bacillus cereus</i>	
RPF Supplement (Each vial supplements 100 ml of medium)	064-TA0155	Staphylococci (Coagulase positive)	
Sodium Disulfite (Sodium Meta-Bisulfite) for Bacteriology	06-114LY01	<i>Clostridium</i>	
Vancomycin Selective Supplement (5 mg)	06-712LY01	<i>Cronobacter Sakazakii</i>	
VCNT Selective Supplement	06-142LY01	<i>Neisseria</i>	
Yersinia Selective Supplement	06-143LY01	<i>Yersinia</i>	

  Freeze-dried supplements (10 bottles)



MEDIUM ART. NO.	COMPOSITION PER VIAL	MEDIUM
02-498	20 mg of Nalidixic acid, sodium salt 25 mg of Cycloheximide 7.5 mg of Acriflavine	Listeria Enrichment Broth Base (Lovett)
02-472	10 mg of Nalidixic acid, sodium salt 6 mg of Acriflavine	Listeria Enrichment Broth Base (UVM)
02-496	2.25 mg of Nalidixic acid, sodium salt 2.80 mg of Acriflavine 112.5 mg of Ammonium ferric citrate	Listeria Enrichment Broth Base (Fraser)
02-496	5 mg of Nalidixic acid, sodium salt 6.2 mg of Acriflavine 250 mg of Ammonium ferric citrate	Listeria Enrichment Broth Base (Fraser)
02-496 02-472	10 mg of Nalidixic acid, sodium salt 12.5 mg of Acriflavine	Listeria Enrichment Broth Base (Fraser) Listeria Enrichment Broth Base (UVM)
02-496	10 mg of Nalidixic acid, sodium salt 12.5 mg of Acriflavine 250 mg of Ferric Ammonium Citrate	Listeria Enrichment Broth Base (Fraser)
01-719	38350 IU Polymyxin B 0.025 g Cycloheximide 0.010 g Ceftazimide 0.010 g Nalidixic Acid	Microinstant® Chromogenic Listeria Agar according to Ottaviani & Agosti
01-220	50 mg of MUG (4-methylumbeliferil-β-D glucuronide)	Violet Red Bile Lactose Dextrose Agar (European Pharmacopoeia Medium F)
01-609	7.5 mg of Nalidixic acid, sodium salt	CN Selective Agar Base (Art. No. 01-609)
03-376 02-691	10 mg of Novobiocin, sodium salt	Rappaport Vassiliadis Modified Semi-solid Medium Base Tryptic Soy Broth Modified
01-471	5 mg of Fosfomycin 1 mg of Sodium cefotetan 10 mg of Colistin sulfate 200 mg of Cycloheximide 2.5 mg of Acriflavine	Oxford Agar Base
01-275	50 mg of Oxytetracycline HCl	Sabouraud Oxytetracycline Agar Base (OGYEA)
01-470	5 mg of Polymyxin B sulfate 10 mg of Sodium ceftazidime 2.5 mg of Acriflavine	Palcam Agar Base
01-262 01-487	50.000 IU of Polymyxin B sulfate	Bacillus cereus Agar Base (MYPA) Bacillus cereus Selective Agar Base (PEMBA)
01-030	2.5 ml of Rabbit Plasma - EDTA 0.5 g of Bovine Fibrinogen 2.5 mg of Trypsin Inhibitor 2.5 mg of Potassium Tellurite	Baird Parker Agar
02-519	375 mg of Di-sodium sulfite	Lactose Sulfite Broth Base
02-711	5 mg of Vancomycin	Tryptose Lauryl Sulfate Modified Broth Base (mLST)
01-310	1.5 mg of Vancomycin 3.75 mg of Colistin sulfate 2.5 mg of Trimethoprim 6.250 IU of Nystatin	GC Agar Base
01-444	7.5 mg of Cefsulodin 2 mg of Irgasan® 1.25 mg of Novobiocin	Yersinia CIN Agar Base



MiStraCon® MICROBIOLOGIC STRAINS FOR CONTROL

This catalogue includes the Scharlab MiStraCon® product line of bacterial strains from the American Type Culture Collection (ATCC®) and includes the strains commonly used in the laboratory, in the food industry, pharmaceutical industry, water quality control and clinical settings.

ATCC Licensed
Derivative

Scharlab is authorized by the ATCC® to produce reference cultures (Reference Stock Culture) of primary cultures ATCC® (Reference Culture) and is attached to the program (ATCC® Licensed Derivative® Program). The ATCC Licensed Derivative mark states that Scharlab S.L. is licensed to use these trademarks and to sell products deriving from ATCC® cultures.

MiStraCon® Microbiologic Strains for Control

The ATCC Licensed Derivative mark states that Scharlab S.L. is licensed to use these trademarks and to sell products deriving from ATCC® cultures.

All MiStraCon® products are supplied with detailed instructions for use and have an analysis certificate that guarantees their authenticity, traceability and the number of subcultures made from the original reference culture.

These product lines consist of three product formats:

MiStraCon®Swabs2 format

FORMAT	PACKAGING	CONTENT	CFU	APPLICATIONS/SPECIFICATIONS
MiStraCon®Swabs2	Each unit contains a lyophilized pellet, moisturizing fluid And inoculation swab, all sealed in an aluminized envelope	2 units of MiStraCon®Swabs2	Not quantified	<ul style="list-style-type: none"> - Culture purposes - Daily QC - QC of identification systems and assay kits - QC of antimicrobial susceptibility test - Verification and validation

MiStraCon®QuantyPellets and MiStraCon®QuantyE-Pellets® formats

Quantified bacterial strains presented in a lyophilized pellet ready to use or to prepare quantified dilutions.

FORMAT	PACKAGING	CONTENT	CFU	APPLICATIONS/SPECIFICATIONS
MiStraCon®QuantyPellets	1 box. Each box contains 5 vials of a single quantified microorganism and 5 vials of hydrating fluid.	5 vials with 1 quantified pellet (1 pellet/vial) and 5 vials of hydrating fluid (1.2ml)	<100 by 0.1ml when processed according to directions	<ul style="list-style-type: none"> - Growth promotion testing - Media challenge testing - Suitability of counting methods - Suitability of sterility tests - Suitability of tests for specified microorganisms - Microbial limits testing - Microbial enumeration testing - Validation of neutralization methods - Methods requiring a low CFU concentration
MiStraCon®QuantyE-Pellets	1 vial of lyophilized pellets in a plastic bag with hermetic seal	1 vial with 5 pellets	1.0E+03 – 1.0E+07 per pellet	<ul style="list-style-type: none"> - Detection and enumeration methods - Verification/Validation - Bioburden determination - Minimal lethal concentration - Disinfectant qualification - Water tests - Proficiency tests - Methods requiring a specific CFU range

MiStraCon® Swabs2



Applications

- Culture Purposes
- Daily QC
- Verification and Validation
- QC of Identification Systems and Assay Kits
- QC of Antimicrobial Susceptibility Test

Highlights

- 26 strains available
- All-in-one design reduces the risk of contamination
- Ready-to-use format saves you time and money
- Refrigerated storage is easy and economical
- Online Certificate of Analysis provides detailed strain information
- Traceability to reference cultures ensures authenticity
- Technical Support experts available for guidance

Package Details

- User-friendly design with a lyophilized microorganism pellet, ampoule of hydrating fluid and inoculating swab
- Packs of 2 units
- Illustrated instructions

Illustrated Instructions

Each MiStraCon® Swabs2 kit consists of 2 individually packaged swabs. Each MiStraCon® Swabs2 unit contains a lyophilized pellet of a single microorganism strain, a reservoir of hydrating fluid and an inoculating swab. Each swab is sealed within a laminated pouch that contains a desiccant to prevent adverse moisture accumulation.

- 1: Allow unopened MiStraCon® Swabs2 to equilibrate to room temperature.
- 2: Break red snap valve to release the hydrating fluid.
- 3: Squeeze the bulb at the top of the MiStraCon® Swabs2 to rehydrate the pellet.
- 4: Inoculate a primary culture plate(s).
- 5/6/7: Continue according to laboratory protocol. Discard the MiStraCon® Swabs2 properly. Incubate the inoculated primary culture plate(s) under appropriate conditions.



PRESENTATION	DESCRIPTION	PACKAGING	ART. NO.
<i>Aspergillus brasiliensis</i> ATCC® 16404™/ WDCM 00053	Contains two swabs	2	S00001-MSC
<i>Pseudomonas aeruginosa</i> ATCC® 9027™/ WDCM 00026	Contains two swabs	2	S00002-MSC
<i>Staphylococcus aureus subsp. aureus</i> ATCC® 6538™/ WDCM 00032	Contains two swabs	2	S00003-MSC
<i>Escherichia coli</i> ATCC® 8739™/ WDCM 00012	Contains two swabs	2	S00004-MSC
<i>Candida albicans</i> ATCC® 10231™/ WDCM 00054	Contains two swabs	2	S00005-MSC
<i>Bacillus subtilis subsp. spizizenii</i> ATCC® 6633™/ WDCM 00003	Contains two swabs	2	S00006-MSC
<i>Clostridium perfringens</i> ATCC® 13124™/ WDCM 00007	Contains two swabs	2	S00007-MSC
<i>Enterococcus faecalis</i> ATCC® 29212™/ WDCM 00087	Contains two swabs	2	S00008-MSC
<i>Escherichia coli</i> ATCC® 25922™/ WDCM 00013	Contains two swabs	2	S00009-MSC
<i>Salmonella enterica serovar typhimurium</i> ATCC® 14028™/ WDCM 00031	Contains two swabs	2	S00010-MSC
<i>Clostridium sporogenes</i> ATCC® 19404™/ WDCM 00008	Contains two swabs	2	S00011-MSC
<i>Burkholderia cepacea</i> ATCC® 25416™	Contains two swabs	2	S00012-MSC
<i>Staphylococcus epidermidis</i> ATCC® 12228™/ WDCM 00036	Contains two swabs	2	S00014-MSC
<i>Bacillus cereus</i> ATCC® 11778™/ WDCM 00001	Contains two swabs	2	S00015-MSC
<i>Enterobacter aerogenes</i> ATCC® 13048™/ WDCM 00175	Contains two swabs	2	S00016-MSC
<i>Legionella p. sub.pneumophila</i> ATCC® 33152™/ WDCM 00107	Contains two swabs	2	S00017-MSC
<i>Campylobacter jejuni subsp. jejuni</i> ATCC® 33291™/ WDCM 00005	Contains two swabs	2	S00018-MSC
<i>Listeria innocua</i> ATCC® 33090™/ WDCM 00017	Contains two swabs	2	S00019-MSC
<i>Listeria monocytogenes</i> ATCC® 13932™/ WDCM 00021	Contains two swabs	2	S00020-MSC
<i>Proteus mirabilis</i> ATCC® 29906™/ WDCM 00023	Contains two swabs	2	S00021-MSC
<i>Saccharomyces cerevisiae</i> ATCC® 9763™/ WDCM 00058	Contains two swabs	2	S00022-MSC
<i>Citrobacter freundii</i> ATCC® 43864™/ WDCM 00006	Contains two swabs	2	S00023-MSC
<i>Salmonella abony</i> NCTC® 6017™	Contains two swabs	2	S00024-MSC
<i>Lactobacillus acidophilus</i> ATCC® 4356™/ WDCM 00098	Contains two swabs	2	S00025-MSC
<i>Legionella anisa</i> ATCC® 35292™/ WDCM 00106	Contains two swabs	2	S00026-MSC
<i>Lactobacillus sakei subsp. sakei</i> ATCC® 15521™/ WDCM 00015	Contains two swabs	2	S00027-MSC

MiStraCon® QuantyE-Pellets



Applications

- Detection and enumeration methods
- Verification/Validation
- Bioburden determination
- Minimal lethal concentration
- Disinfectant qualification
- Water tests
- Proficiency tests
- Methods requiring a specific CFU range

Highlights

- Available in concentrations ranging from 10^3 to 10^7 CFU per pellet
- Can be combined for a mixed microorganism population
- Easily manipulated to deliver a wide variety of concentrations
- Ready-to-use format saves you time and money
- Refrigerated storage is easy and economical
- Online Certificate of Analysis provides detailed strain information
- Traceability to reference cultures ensures authenticity
- Technical support experts available for guidance

Package Details

- Vial with 5 quantified lyophilized pellets
- Illustrated instructions

Illustrated Instructions

MiStraCon® QuantyE-Pellets include: 1 vial of a single enumerated microorganism (5 lyophilized pellets per vial) and a card with illustrated instructions.

If using the Membrane Filtration Method for water testing, please refer to the Illustrated Instructions (Membrane Filtration for MiStraCon® QuantyE-Pellets) located on our website at www.scharlab.com.

- 1: Remove the vial of pellets from refrigerated storage and allow to equilibrate to room temperature.
- 2: Prior to use, warm hydrating and dilution fluids to 34-38°C. Sterile pH 7.2 phosphate buffer is recommended for hydration of the lyophilized preparation.
- 3: With sterile forceps, transfer the microorganism pellet(s) to the hydrating fluid. Do not remove the desiccant from vial. Immediately stopper and recap the vial and return to 2-8°C.
- 4: Place the microorganism suspension into a 34-38°C incubator for 30 minutes to assure complete hydration.
- 5/6: Immediately following incubation, mix hydrated material until a homogeneous suspension is achieved. Primary culture plate(s) under appropriate conditions. Proceed with the challenge according to laboratory protocol. The challenge must be completed within 30 minutes of the hydration process to avoid a change in the challenge suspension concentration.



PRESENTATION	DESCRIPTION	PACKAGING	ART. NO.
<i>Aspergillus brasiliensis</i> ATCC® 16404™/ WDCM 00053	Contains one vial with 5 pellets (E6 CFU/pellet)	1 vial	EP2001-MSC
<i>Pseudomonas aeruginosa</i> ATCC® 9027™/ WDCM 00026	Contains one vial with 5 pellets (E7 CFU/pellet)	1 vial	EP2002-MSC
<i>Staphylococcus aureus subsp. aureus</i> ATCC® 6538™/ WDCM 00032	Contains one vial with 5 pellets (E7 CFU/pellet)	1 vial	EP2003-MSC
<i>Escherichia coli</i> ATCC® 8739™/ WDCM 00012	Contains one vial with 5 pellets (E7 CFU/pellet)	1 vial	EP2004-MSC
<i>Candida albicans</i> ATCC® 10231™/ WDCM 00054	Contains one vial with 5 pellets (E7 CFU/pellet)	1 vial	EP2005-MSC
<i>Bacillus subtilis subsp. spizizenii</i> ATCC® 6633™/ WDCM 00003	Contains one vial with 5 pellets (E6 CFU/pellet)	1 vial	EP2006-MSC
<i>Enterococcus faecalis</i> ATCC® 29212™/ WDCM 00087	Contains one vial with 5 pellets (E7 CFU/pellet)	1 vial	EP2008-MSC
<i>Salmonella enterica serovar typhimurium</i> ATCC® 14028™/ WDCM 00031	Contains one vial with 5 pellets (E4 CFU/pellet)	1 vial	EP2010-MSC
<i>Burkholderia cepacea</i> ATCC® 25416™	Contains one vial with 5 pellets (E7 CFU/pellet)	1 vial	EP2012-MSC



MiStraCon®QtyPellets



Applications

- Growth Promotion Testing
- Media Challenge Testing
- Suitability of Counting Methods
- Suitability of Sterility Tests
- Suitability of Tests for Specified Microorganisms
- Microbial Limits Testing
- Microbial Enumeration Testing
- Validation of Neutralization Methods
- Methods requiring a low CFU concentration

Highlights

- Delivers 10-100 CFU per 0.1 ml as required by USP/Ph. Eur./JP
- Instant dissolve pellet reduces preparation time
- No dilutions required for simplified test procedure
- Up to 8 hours stability allows for ultimate flexibility
- 50 tests per kit, ideal quantity for labs of any size
- Refrigerated storage is easy and economical
- Online Certificate of Analysis provides detailed strain information
- Authentic, traceable strains at four passages (or fewer) from reference culture - meets USP/Ph. Eur./JP requirements
- Technical Support experts available for guidance

Package Details

- 5 foil pouch with 1 vial of a single, quantified microorganism (1 lyophilized pellet per vial)
- 5 vials of hydrating fluid (1.2 ml in each vial)
- Up to 50 tests per kit
- Illustrated instructions

Illustrated Instructions

Each MiStraCon®QtyPellets kit consists of:

- 5 vials each containing 1 lyophilized pellet of an individual microorganism strain.
- 5 hydrating fluid vials each containing 1.2 ml of hydrating fluid.

- 1: Allow to equilibrate to room temperature (about 30 minutes) 1 vial of hydrating fluid and 1 foil pouch containing lyophilized pellet.
- 2: Tear open the foil pouch and remove the vial containing 1 lyophilized pellet.
- 3: Tip 1 pellet into the 1.2 ml vial of hydrating fluid. Only 1 pellet must be used to obtain the challenge concentration of 10-100 CFU per 0.1 ml on non-selective media. Immediately recap hydrating fluid vial.
- 4: Vortex hydrated material until pellet has completely dissolved and suspension is homogeneous.
- 5: Transfer 0.1 ml of the hydrated suspension to the material being challenged (0.1 ml contains 10-100 CFU). Remaining suspension can be refrigerated and used for up to 8 hours. Test suspension immediately after removing it from refrigerator.

Proceed according to laboratory protocol. Refrigerate suspension at 2-8°C if it will be used again. Discard in accordance with the laboratory protocol for disposal of biohazard materials.



PRESENTATION	DESCRIPTION	PACKAGING	ART. NO.
Aspergillus brasiliensis ATCC® 16404™/ WDCM 00053	Contains 5 pellets individualized in aluminized envelope and 5 vials of hydrating liquid. (10-100 CFU/0,1 ml)	5 sachets + 5 vials	P10001-MSC
Pseudomonas aeruginosa ATCC® 9027™/ WDCM 00026	Contains 5 pellets individualized in aluminized envelope and 5 vials of hydrating liquid. (10-100 CFU/0,1 ml)	5 sachets + 5 vials	P10002-MSC
Staphylococcus aureus subsp. aureus ATCC® 6538™/ WDCM 00032	Contains 5 pellets individualized in aluminized envelope and 5 vials of hydrating liquid. (10-100 CFU/0,1 ml)	5 sachets + 5 vials	P10003-MSC
Escherichia coli ATCC® 8739™/ WDCM 00012	Contains 5 pellets individualized in aluminized envelope and 5 vials of hydrating liquid. (10-100 CFU/0,1 ml)	5 sachets + 5 vials	P10004-MSC
Candida albicans ATCC® 10231™/ WDCM 00054	Contains 5 pellets individualized in aluminized envelope and 5 vials of hydrating liquid. (10-100 CFU/0,1 ml)	5 sachets + 5 vials	P10005-MSC
Bacillus subtilis subsp. spizizenii ATCC® 6633™/ WDCM 00003	Contains 5 pellets individualized in aluminized envelope and 5 vials of hydrating liquid. (10-100 CFU/0,1 ml)	5 sachets + 5 vials	P10006-MSC
Salmonella enterica serovar typhimurium ATCC® 14028™/ WDCM 00031	Contains 5 pellets individualized in aluminized envelope and 5 vials of hydrating liquid. (10-100 CFU/0,1 ml)	5 sachets + 5 vials	P10010-MSC
Clostridium sporogenes ATCC® 19404™/ WDCM 00008	Contains 5 pellets individualized in aluminized envelope and 5 vials of hydrating liquid. (10-100 CFU/0,1 ml)	5 sachets + 5 vials	P10011-MSC



REAGENTS FOR MICROBIOLOGICAL APPLICATIONS

REAGENTS FOR BIOCHEMICAL TESTS PAGE 156

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OTHER REAGENTS PAGE 160

REAGENTS FOR BIOCHEMICAL TESTS

ACID ALCOHOL DECOLORIZER

Decolourizer used in the bacterial AAR staining.

DESCRIPTION	PRESENTATION	TYPE OF PACKAGING	ART. NO.
Acid Alcohol Decolorizer	1 flask with 1 l	Ⓢ	064CL00081

ACID PHOSPHATASE REAGENT

Reactive acid phosphatase is used according to the ISO 14189 standard for the detection of acid phosphatase from *Clostridium perfringens*.

DESCRIPTION	PRESENTATION	TYPE OF PACKAGING	ART. NO.
Acid Phosphatase Reagent	1 vial of 10 ml of sodium acetate buffer + 6 vials with 0.6 g of dye reagent	Ⓢ	0000TN1519

CATALASE ACTIVITY TEST

For detection of catalase enzyme activity.

DESCRIPTION	PRESENTATION	TYPE OF PACKAGING	ART. NO.
Hydrogen peroxide 3% (w/v)	1 flask with 30 ml	Ⓢ	064-CL0234
Hydrogen Peroxide 30% (v/v) extremely pure	1 flask with 1 l	Ⓢ	H101351000

COAGULASE TEST (RABBIT PLASMA)

Sterile and lyophilized rabbit plasma, particularly suitable for detecting coagulase of *Staphylococcus aureus*. According to ISO 6888-1.

DESCRIPTION	PRESENTATION	TYPE OF PACKAGING	ART. NO.
Lyophilized rabbit plasma (20 tests)	1 tube with 9 ml of plasma + 1 vial of sterile water	Ⓢ	064-PLA-CO

CRYSTAL VIOLET GRAM

Staining solution in Gram Staining.

DESCRIPTION	PRESENTATION	TYPE OF PACKAGING	ART. NO.
Crystal Violet	1 flask with 25 g	Ⓢ	V100250025
Decolorizer Gram	1 flask with 1 l	Ⓢ	064CL00021
Oxalate Crystal Violet	1 flask with 100 ml	Ⓢ	V10027G100
Reagent Crystal Violet	1 flask with 1 l	Ⓢ	064CL00061

DNASE ACTIVITY TEST

For detection of DNase enzyme activity (presence of bacterial nucleases that depolymerise DNA).

DESCRIPTION	PRESENTATION	TYPE OF PACKAGING	ART. NO.
Hydrochloric Acid 0.1N, Sol. valorated 1 l	1 flask with 1 l	⊗	AC07461000

β-GLUCORONIDASE BROTH

β-glucuronidase Broth for the identification of Enterobacteria.

DESCRIPTION	PRESENTATION	TYPE OF PACKAGING	ART. NO.
β-Glucuronidase broth	20 tubes with 2 ml	↓	064-TA0153

HIPPURATE TEST

For the differentiation between group B streptococcus and other β-hemolytic streptococcus by the hippurate hydrolysis test. A suspension of bacteria is added to the hippurate solution and incubated for 2 hours. Then, the ninhydrin developer is added.

DESCRIPTION	PRESENTATION	TYPE OF PACKAGING	ART. NO.
Hippurate Test	20 tubes with 2 ml	↓	064-TA0114
Ninhydrin Developer	2 tubes with 5 ml	↓	230-070491

INDOL TEST AND KOVAC'S REAGENT

Tryptone water supplemented with tryptophan. For the detection of indole production from tryptophan. The reading is done with the Kovac's Reagent.

DESCRIPTION	PRESENTATION	TYPE OF PACKAGING	ART. NO.
Indolite test	20 tubes with 2 ml	↓	064-TA0132
Kovac's reagent	1 flask with 100 ml	⊙	RE0007G100
Kovacs' reagent	1 flask with 1 l	⊗	RE00071000

LUGOL SOLUTION FOR GRAM

Reagent for stain micro organisms according to Gram Method.

DESCRIPTION	PRESENTATION	TYPE OF PACKAGING	ART. NO.
Lugol solution	1 flask with 1 l	⊗	064CL00101

METHYL RED TEST

Indicator solution to test for fermentation of glucose via the mixed-acid pathway in Enterobacteria.

DESCRIPTION	PRESENTATION	TYPE OF PACKAGING	ART. NO.
Methyl Red Solution 2%	1 flask with 100 ml	⊙	RE0057G100
Methyl Red Solution 2%	1 flask with 1 l	⊗	RE00571000

METHYLENE BLUE SOLUTION

Methylene Blue Solution is used as contrast stain in the bacterial AAR staining.

DESCRIPTION	PRESENTATION	TYPE OF PACKAGING	ART. NO.
Methylene Blue dye	1 flask with 1 l	⊗	064CL00121

NESSLER, REAGENT

Reagent to detect the production of ammonia from a peptone or arginine.

DESCRIPTION	PRESENTATION	TYPE OF PACKAGING	ART. NO.
Nessler Reagent	1 flask with 250 ml	⊗	RE00500250

ONPG-FDA-MUG-INDOL TEST

Broth for the simultaneous detection of total coliform and *E. coli* in water and food. This detection has been enhanced with chromogenic and fluorogenic substrates: ONPG test (detection of β-galactosidase activity), phenylalanine, MUG (fluorescence of *E. coli*) and indol (adding Kovac's reagent), for the identification of Enterobacteria and to verify FDA test means adding a solution of FeCl 10%.

DESCRIPTION	PRESENTATION	TYPE OF PACKAGING	ART. NO.
Kovacs Reagent	1 flask with 100 ml	⊙	RE0007G100
ONPG-FDA-MUG-INDOL Test	20 tubes with 2 ml	↓	064-TA0203

ORNITHINE TEST

Medium for detecting the decarboxylation of ornithine.

DESCRIPTION	PRESENTATION	TYPE OF PACKAGING	ART. NO.
Ornithine Test	20 tubes with 2 ml	↓	064-TA0131

OXIDASE TEST

Medium for detecting the decarboxylation of ornithine.

DESCRIPTION	PRESENTATION	TYPE OF PACKAGING	ART. NO.
Oxidase Reagent	5 g	⊘	RE00650005
Oxidase reagent in swabs	50 swabs	–	06-120-050

PHENICATED FUCHSIN ZIEHL-NEELSEN

Counterstain used in bacteriological stains.

DESCRIPTION	PRESENTATION	TYPE OF PACKAGING	ART. NO.
Fucsina GRAM	1 flask with 1 litre	⊘	00CL0004-1
Phenicated fuchsin	1 flask with 1 litre	⊘	064CL00111

VOGES PROSKAUER TEST

Reagents for Voges Proskauer test in Enterobacteria.

DESCRIPTION	PRESENTATION	TYPE OF PACKAGING	ART. NO.
Barrit Reagent (Alpha-Naphtol)	1 flask with 100 ml	⊘	RE0100G100
O'Meara Reagent	1 flask with 100 ml	⊘	RE0060G100

REAGENTS FOR MOLECULAR BIOLOGY

All of our products for molecular biology are manufactured according to the ISO 9002 quality certification and undergo strict quality controls to guarantee its suitability for molecular biology applications. We pay special attention to purity, low UV rays absorption and the absence of enzymes that can damage nucleic acids or proteins (DNase, RNase, proteases).

BIOLOGICAL BUFFERS

ART. NO.	DESCRIPTION	PRESENTATION
HE0100	HEPES, free acid, molecular biology grade	25 g / 250 g
HE0011	HEPES, sodium salt, molecular biology grade	25 g / 250 g
MO0070	MOPS, molecular biology grade	100 g / 500 g
PI0061	PIPES, free acid, molecular biology grade	25 g / 250 g / 1 kg
TA0010	TAE 10X buffer, molecular biology grade	1 l / 10 l
TB0010	TBE 5X buffer, molecular biology grade	1 l / 10 l
TR0424	TRIS base, molecular biology grade	100 g / 500 g / 1 kg / 5 kg
TR0425	TRIS-HCl, molecular biology grade	100 g / 1 kg / 5 kg
TR0422	TRIS, extra pure	250 g / 1 kg / 5 kg

CLONING. ANTIBIOTICS

ART. NO.	DESCRIPTION	PRESENTATION
AM0468	Ampicillin, sodium salt, biochemical purposes	5 g / 25 g
CI0025	Chloramphenicol, biochemical purposes	50 g / 500 g
KA0010	Kanamycin disulphate, molecular biology grade	5 g / 25 g
0B21408-14	Tetracycline hydrochloride, 96%	25 g

CLONING. ENZYME SUBSTRATES

ART. NO.	DESCRIPTION	PRESENTATION
IP0010	IPTG, molecular biology grade (dioxane free)	1 g

DNA / RNA EXTRACTION

ART. NO.	DESCRIPTION	PRESENTATION
CE0121	Cesium chloride, molecular biology grade	100 g / 500 g
FE0484	Phenol cryst., molecular biology grade	100 g / 500 g
GU0061	Guanidine hydrochloride, molecular biology grade	100 g / 1 kg
GU0065	Guanidine thiocyanate, molecular biology grade	250 g
LI0112	Lithium chloride, molecular biology grade	50 g / 250 g
SA0020	Sucrose, extra pure	500 g / 1 kg / 5 kg
SU0030	Sucrose, molecular biology grade	1 kg / 5 kg

ELECTROPHORESIS. AGAROSE AND ACRYLAMIDE

ART. NO.	DESCRIPTION	PRESENTATION
AC3345	Acrylamide, electrophoresis grade	100 g / 1 kg
AG0032	Agarose High EEO	25 g / 100 g / 250 g
AG0036	Agarose high resolution	25 g
AG0030	Agarose Low EEO	25 g / 100 g / 250 g / 1 kg
AG0031	Agarose Medium EEO	25 g / 100 g / 250 g / 1 kg
AG0034	Agarose Low Melt	5 g / 25 g
BIO091	n,n'-Methylene-bis-acrylamide, electrophoresis grade	50 g
BIO090	n,n'-Methylene-bis-acrylamide, molecular biology grade	25 g

ELECTROPHORESIS. REAGENTS FOR ELECTROPHORESIS

ART. NO.	DESCRIPTION	PRESENTATION
AM0371	Ammonium persulphate, molecular biology grade	25 g / 100 g
AC0402	Glycine, extra pure	250 g / 1 kg / 5 kg
AC0406	Glycine, molecular biology grade	100 g / 1 kg
TE0050	TEMED, r.g.	10 ml / 100 ml
UR0133	Urea, molecular biology grade	100 g / 500 g / 2.5 kg

ELECTROPHORESIS. DYES

ART. NO.	DESCRIPTION	PRESENTATION
ET0108	Ethidium bromide, biochemical purposes	1 g / 10 g
ET0109	Ethidium bromide, solution 10 mg/ml	10 ml / 250 ml

ELECTROPHORESIS. BUFFERS FOR ELECTROPHORESIS

ART. NO.	DESCRIPTION	PRESENTATION
TA0010	TAE 10X buffer, molecular biology grade	1 l / 10 l
TB0010	TBE 5X buffer, molecular biology grade	1 l / 10 l

HYBRIDIZATION. BUFFERS FOR HIBRIDIZATION

ART. NO.	DESCRIPTION	PRESENTATION
AM0271	Ammonium acetate, molecular biology grade	250 g / 500 g
AM0274	Ammonium chloride, molecular biology grade	500 g
AM0401	Ammonium sulphate, molecular biology grade	100 g / 1 kg
SD0010	SDS, molecular biology grade	50 g / 500 g

HYBRIDIZATION. REAGENTS FOR HIBRIDIZATION

ART. NO.	DESCRIPTION	PRESENTATION
F00026	Formamide, r.g.	1 l / 2.5 l
F00027	Formamide deionized, molecular biology grade	100 ml

OTHER REAGENTS

OTHER REAGENTS

ART. NO.	DESCRIPTION	PRESENTATION
AC0580	Boric acid, molecular biology grade	500 g / 1 kg / 5 kg
CA0198	Calcium chloride 2 hydrate, molecular biology grade	250 g / 1 kg
DI1360	1,4-Dithiotreitol, molecular biology grade	1 g / 10 g
AC0965	EDTA, disodium salt 2 hydrate, r.g.	250 g / 500 g / 1 kg / 5 kg
AC0967	EDTA, disodium salt, molecular biology grade	100 g / 1 kg / 5 kg
ET0011	Ethanol, DNase free	500 ml / 1 l / 2.5 l
F00012	Formaldehyde, sol 37%, molecular biology grade	250 ml / 1 l
F00011	Formaldehyde, sol 37%, r.g.	1 l / 2.5 l / 5 l / 25 l
GL0028	Glycerol anhydrous, molecular biology grade	100 ml / 1 l
MA0037	Magnesium chloride 6 hydrate, molecular biology grade	100 g / 500 g
MA0086	Magnesium sulphate 7 hydrate, molecular biology grade	100 g / 500 g
ME0095	2-Mercaptoethanol, molecular biology grade	50 ml / 250 ml
P00066	Polyethylene glycol 6000, molecular biology grade	100 g / 1 kg
P00080	Polyvinylpyrrolidone, molecular biology grade	100 g / 1 kg
P00112	Potassium acetate, molecular biology grade	250 g / 1 kg
P00201	Potassium chloride, molecular biology grade	250 g / 1 kg
P00262	Potassium di-hydrogen phosphate, molecular biology grade	100 g / 1 kg
S00036	Sodium acetate anhydrous, molecular biology grade	500 g / 1 kg / 5 kg
S00230	Sodium chloride, molecular biology grade	500 g / 1 kg / 5 kg
S00328	Sodium di-hydrogen phosphate 1 hydrate, molecular biology grade	250 g / 1 kg / 5 kg
S00329	di-Sodium hydrogenophosphate anhydrous, molecular biology grade	250 g / 500 g / 1 kg / 5 kg
S00205	tri-Sodium citrate dihydrate, molecular biology grade	1 kg / 5 kg
TW0022	Tween 20, molecular biology grade	100 ml
CI0155	Zinc chloride, molecular biology grade	50 g

DETERLABO®

Laboratory glassware, utensils and surface cleaning



Scharlau
The wise choice

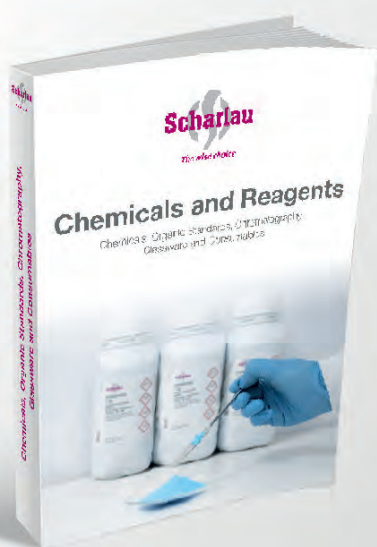




NEW CATALOGUE

Chemicals and Reagents

Chemicals,
Organic Standards,
Chromatography,
Glassware
and Consumables



GLASSWARE

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Introduction

Thanks to the acquisition of new space for the extension of our workshop, we at Scharlab have continued improving our production of laboratory glassware and growing even more in export markets. Well-equipped workshops and highly skilled specialists make sure our glassware adheres to high quality standards.

Standard and special glassware

Products for which there is regular demand are produced in larger quantities and then stocked for immediate supply. Other products are either manufactured directly from glass tubing or are made from semi-finished products.

Quality

Even today, scientific glassblowing remains a highly skilled handcraft and the glassware quality depends on the skill of each blower. Careful selection of the raw glass ensures that our final products are free from imperfections such as air lines, scratches and grains. You will be able to judge the workmanship of our glassware products for yourself.

Safety

All our glassware is annealed and made stress free, to prevent it from breaking.



Scharlau, in the scientific glassware business for over 30 years

Scharlau glassware is made from Borosilicate 3.3 glass that meets the specifications of the following standards:

BS ISO 3585, DIN 12217	Type 3.3 Borosilicate glass
ASTM E-438	Type 1 Class A Borosilicate glass
US Pharmacopoeia	Type 1 Borosilicate glass
European Pharmacopoeia	Type 1 Glass

The typical chemical composition of our borosilicate glass is the following:

SiO ₂	81 %
B ₂ O ₃	13 %
Na ₂ O	4 %
Al ₂ O ₃	2 %

There are 4 temperatures worth noting:

The working point

The temperature at which glass reaches a viscosity of 104 poise. At this temperature glass is soft enough for most lamp-working or sealing tasks. Borosilicate reaches this state at 1252°C.

The softening point

The temperature at which glass reaches a viscosity of 107.6 poise. Borosilicate reaches this state at 821°C.

The annealing point

The temperature at which the internal stress caused by rapid cooling (within 15min) from working-point temperatures is safely relieved. Borosilicate reaches this state at 565°C.

The strain point

The temperature at which the internal stress in a glass is substantially relieved only after several hours. Borosilicate reaches this state at 510°C.

Chemical resistance

Borosilicate glass is resistant to water, acids, halogens and organic solvents.

It has moderate resistance to alkaline solutions and is not resistant to hydrofluoric acid, hot concentrated phosphoric acid nor strong alkaline solutions.



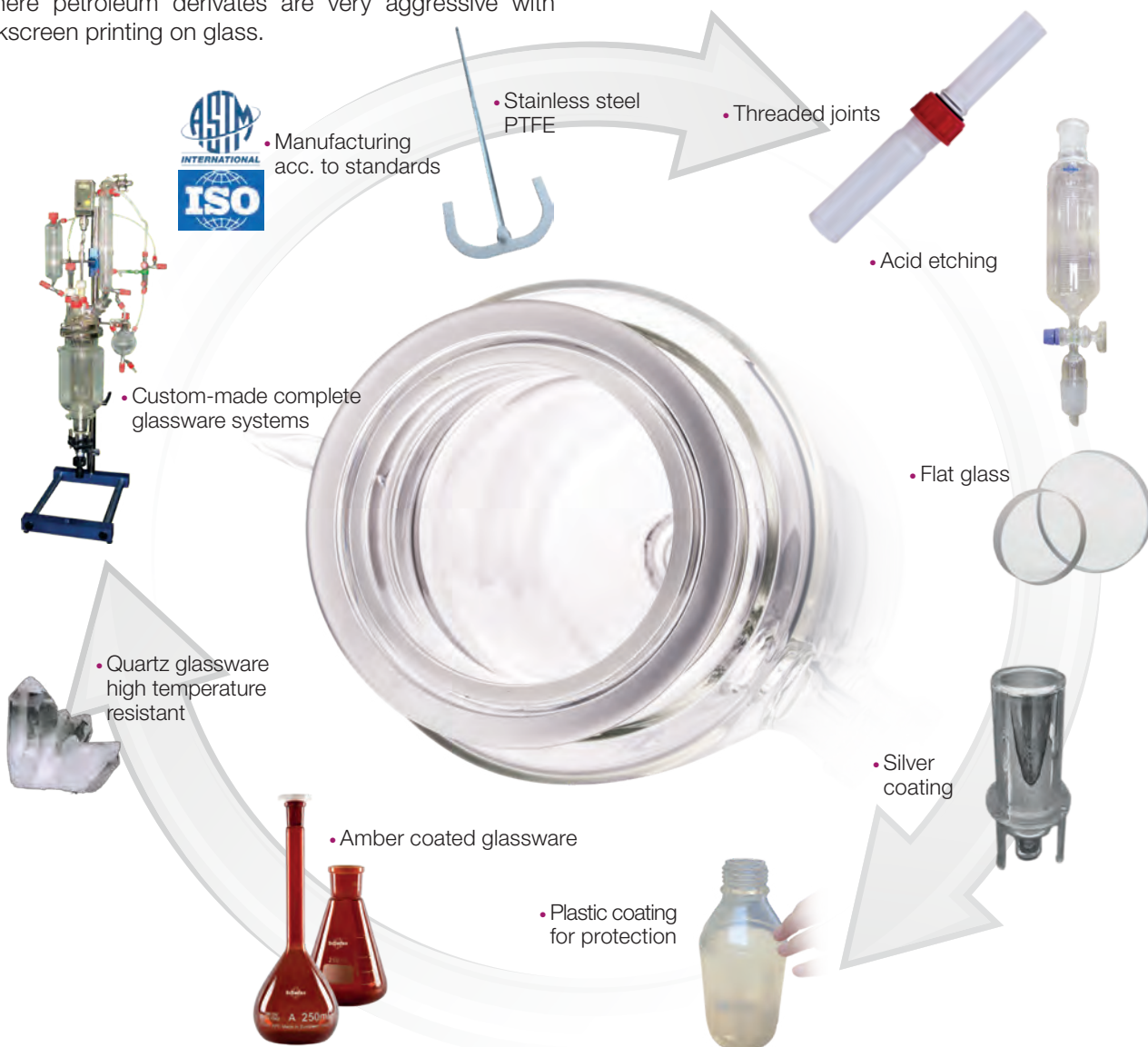
SCHARLAU GLASSWARE SERVICES

Scharlab glassware services

Scharlab offers to our customers the following services:

- **In house Calibration of volumetric material according to ISO 17025:2017** by our accredited calibration laboratory.
- Supply and **colouring in amber** of glassware for light sensitive products. Unlike transparent glass, the transmission of amber glass is less than 10% within the wavelength range between 300-500 nm.
- **Acid etching** for all types of pieces. It makes the volumetric graduation of the pieces last forever. This technique is very useful for petrochemical industries, where petroleum derivatives are very aggressive with silkscreen printing on glass.

- **Polymer coating** for laboratory bottles in order to prevent spillage in case of glassware breakage. This also prevents the loss of content inside the bottle.
- **Manufacture under ISO, ASTM, etc rules.** Our experience and knowledge are made available for the manufacture of parts in line with all kinds of regulations.
- Possibility to **manufacture quartz pieces.** Quartz resists working temperatures up to 1000°C.
- **Use of high-quality compounds.** We work with Duran® borosilicate 3.3 glass, and we can also work with PTFE, stainless steel or Hastelloy®, very chemical resistant compounds.



Classification according to the precision

Class A and AS volumetric instruments have identical error limits as established by DIN EN ISO. For class AS volumetric instruments, calibrated to deliver (TD, Ex), the additional 'S' means swift delivery.

Delivery time

The delivery time is defined as the period of time required for the free fall of the meniscus (discharge of water due to gravity) from the upper volume mark to reach the lower volume mark or the tip. This is related to the defined waiting time for class AS volumetric instruments. In class AS pipettes the delivery time is much faster than in class A pipettes (see example below).

Waiting time

The waiting time is the time taken from when the meniscus comes to rest at the lower volume mark or in the tip, until the residual liquid has finished flowing down from the glass wall of the pipette into the vessel.

Waiting time for class AS: The waiting time for class AS bulb and graduated pipettes is 5 s which is indicated on the pipette by the manufacturer. The pipette should not be removed from the receiving vessel until this time has elapsed starting from when the meniscus comes to rest in the tip/lower volume mark.

Class A pipettes have no waiting time and thus compensate for the slower delivery time.

The following are delivery and waiting times for different classes of 25 ml bulb pipettes:

Class A	Class AS
Delivery time: 25–50 s	Delivery time: 15-20 s
Waiting time: 0	Waiting time: 5 s

Certificate of performance

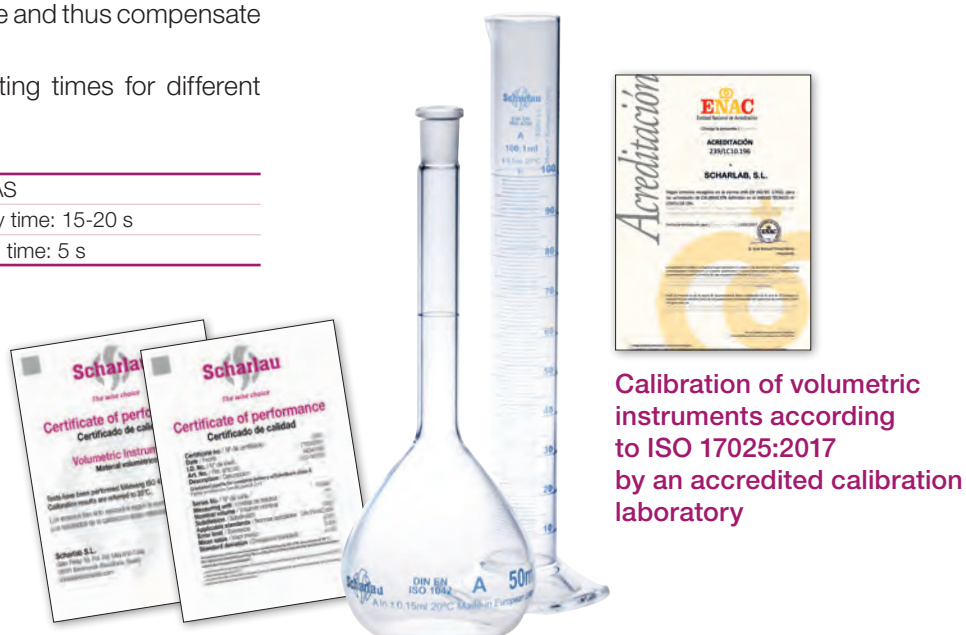
Our volumetric instruments are calibrated in an accredited laboratory according to ISO 17025:2017 for the calibrating of volumetric instruments. Our range of calibration for volumetric instruments is:

- Volumetric flasks from 5 ml up to 21 l, both transparent and amber ones
- Volumetric cylinders from 5 ml up to 5 l with stopper or spout
- Volumetric pipettes from 1 ml up to 100 ml of one and two marks
- Graduated pipettes from 1 ml up to 25 ml
- Burettes from 1 ml up to 100 ml, with glass or PTFE stopcocks

All of our AS & A class volumetric glassware material comes with a performance certificate in the packaging. It is a batch certificate, and each piece has the batch number printed. A certificate is emitted for each batch, and contains, among others, the “mean value” and the “standard deviation”.

Quality

Quality assurance is based on compliance with European (EN) and international (ISO) standards. Statistical Process Control (SPC) helps us obtain the smallest possible deviation from the nominal value (precision) and, at the same time, the minimum dispersion of the individual results (coefficient of variation).



Calibration of volumetric instruments according to ISO 17025:2017 by an accredited calibration laboratory



Download this brochure



Volumetric flasks with coloured neck

The neck colours offer a wide range of possibilities. They can be used for the identification and separation of different API's in the pharma industry as well as for the usage of different groups in a shared lab. The flasks are available in four colours: blue, red, green and yellow. Other colours are available on request.



Several players-different colours

Important information about volumetric glassware

Volumetric glassware is not designed to be heated; however, the following must be taken into account:

- To ensure a long life for the volumetric glass and prevent possible changes in volume, these products should not be heated above 180°C in drying stoves or in autoclaves.
- Never heat the volumetric glass on a heating plate.
- Whenever the volumetric glass has to be heated or cooled, it should be done gradually and not suddenly, to prevent possible glass breakage.
- The batch certificates of the volumetric glass are based on a reference temperature of 20°C.

Tips and precautions for cleaning of volumetric glassware

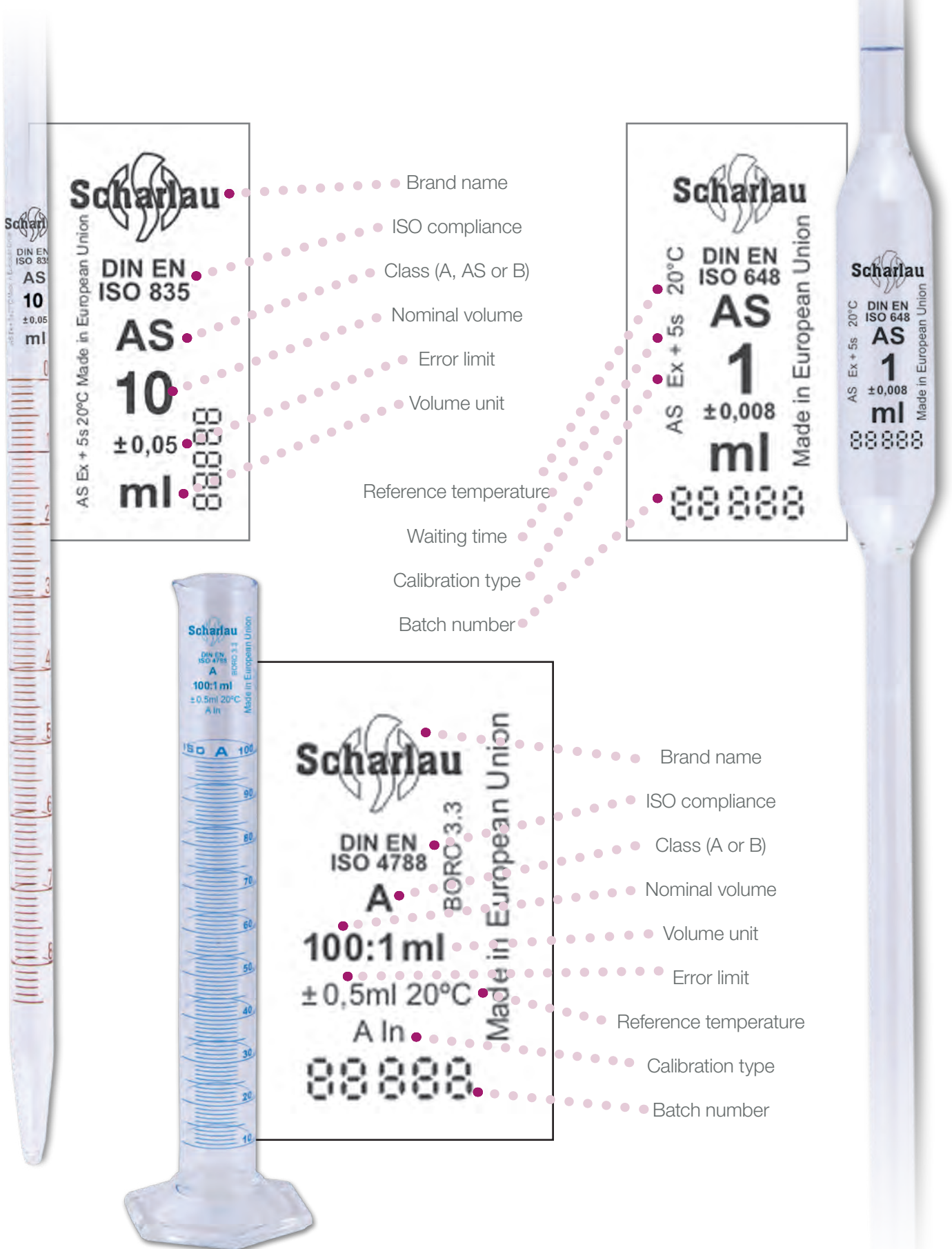
Tips

- With volumetric glassware, we have to ensure reproducibility. This is why perfect wetting has to be achieved in order not to distort the meniscus and not to affect the volume of liquid of any volumetric glassware calibrated to deliver.
- Therefore, cleaning has to be done in such a way as to eliminate organic substances, especially grease, that may not allow a uniform wetting with distilled water.
- After the washing process, glassware must be rinsed thoroughly with distilled water.
- If glassware is to be dried, as is the case with all flasks marked “to contain”, ethanol or acetone can be used for rinsing.
- The drying process may be shortened by passing dry air through it. To ensure that the air is really clean and free from oil, the air compressor must be equipped with appropriate filters.

Precautions

- Never try to remove any dirt by applying direct heat. This may cause the calibration of the volumetric glassware to be altered.
- Use no abrasives on volumetric glassware, as the scratches may become a place where dirt is deposited, or they may prevent correct drainage of liquid.
- Use manual pipetting aids, but never your mouth, to fill containers with the cleaning solution.
- Graduated lines in blue or white colour which have been fused onto the glass are quite resistant to alkalis and acids but are not as resistant as the glassware itself. Therefore, avoid immersion in such solutions for a prolonged time.
- Pipette graduations coloured amber are as chemically-resistant as the glassware itself, since in this case the glassware has been stained with the colour.

MARKING OF OUR VOLUMETRIC INSTRUMENTS





SCHARLAU MOULDED GLASSWARE

Moulded glassware

In order to meet the growing demands and standards in terms of quality assurance, all of our ISO bottles, beakers and Scharlau brand Erlenmeyer flasks incorporate a retrace code. This nine-digit identification code allows traceability of these products back to the moment of their manufacture and the corresponding batch, which is very important in the medical, pharmaceutical and food industries, where packaging traceability is mandatory. For greater ease, these products also incorporate a graduated double scale to indicate the approximate content.



SCHARLAU GROUND JOINT GLASSWARE

Ground joint glassware

For the manufacture of our material, we use highly transparent and bubble free Borosilicate 3.3 tubing in order to obtain excellent end products. We carry a vast stock of both prefabricated and finished products for immediate delivery. The glass tubing is then manipulated by highly qualified glassblowers according to international standards.

Some of our products are:

- Columns
- Funnels
- Filtration system
- Pycnometers
- Flasks
- Reactors



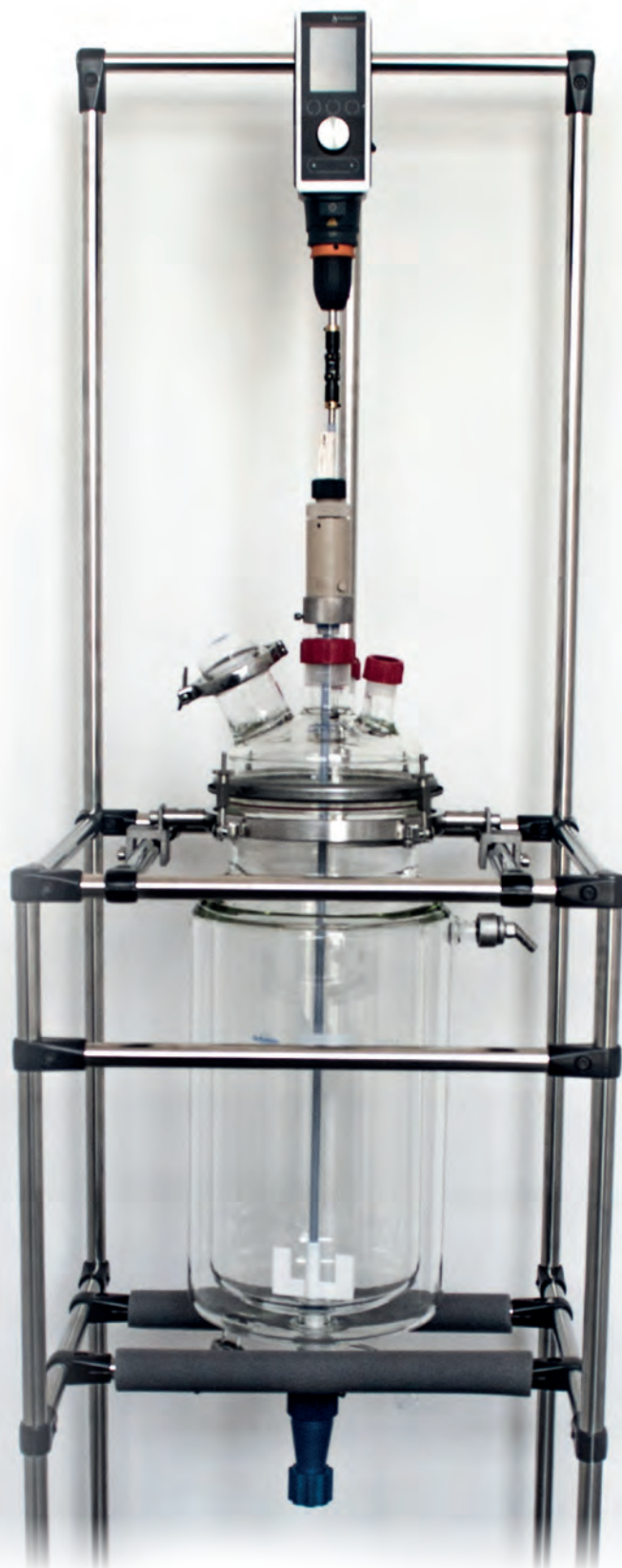
SCHARLAU
CUSTOM-MADE GLASSWARE



You envision, we manufacture

Custom-made glassware

In over 30 years we have accumulated a vast library of over 1000 different pieces of special glassware made to order. Let us know your special request and we shall quote you our best offer. In addition, we offer also other services, such as amber painting, plastic coating or production of complete glass-reaction configurations.



SCHARLAU GLASSWARE

OUR PACKAGING

Our packaging

Thinking about the best way to deliver our glassware, we have developed new packaging, in order to prevent breakages during transport. Our box for molded glass products contains ten separated spaces for safe delivery. Similarly, volumetric glassware is packed into a box of 2 and this box can be combined into the next bigger unit of 4 boxes for safer delivery.



Safe handling of glassware

- With volumetric glassware, we have to ensure reproducibility. This is why perfect wetting has to be achieved in order not to distort the meniscus and to wear protective clothing such as cut resistant gloves, eye protection, aprons and lab coats when manipulating and working with laboratory glassware.
- Do not use chipped or broken glassware as you may cut yourself. Such glassware also breaks more easily.
- Use safety shields, nets or coatings to prevent broken glass from hitting you.
- Check all glassware for damage as even small cracks, chips or scratches affect glassware strength.
- Never heat damaged glassware as resistance to heat is equally compromised.
- Use wire gauze when heating with an open flame or use only up to a medium heat when using a hot plate.
- Heat up and cool down glassware as slowly as possible, even when using Borosilicate glass, which has a very low coefficient of expansion. Maximum working temperature for Borosilicate glass is 500°C, however special precautions must already be taken for working temperatures above 150°C.
- Do not heat extra thick glassware. This glassware is ideal for working under vacuum when higher mechanical strength is required, but this glass is less heat resistant.
- Do not subject ordinary, thin walled, laboratory glassware to pressure or vacuum.
- Lift glassware by the body and not by the more fragile rims or side arms.
- When heating glass bottles, loosen the caps.
- Be careful when sliding tubing over sidearms. Always use protective gloves.
- Never pipette by mouth. You may get intoxicated, burn your mouth or cut your lip.
- Do not use excessive force and wear protective gloves when trying to free stuck jointed glassware. Use only gentle tapping or rocking of the two sides of the joints. The use of threaded safety joints prevents joints from sticking.
- Do not leave pipettes or glass-rods sticking out of beakers, bottles or flasks.
- Do not heat glassware to over 420°C. This will cause stresses in the glassware that will eventually cause it to break.



CLEANING OF GLASSWARE

Cleaning of glassware

General

The cleaning procedure for glassware depends on the type of material in it.

Borosilicate glass has excellent resistance to most acids except hydrofluoric acid. Strong alkaline solutions will also attack the glass, which is why detergents should be diluted up to no more than 2% strength. Avoid exposure to detergents for long periods and prevent the same from drying on the glass.

- Glassware should be cleaned as soon as possible to prevent residues from hardening.
- Ideally, give glassware a rinse or soak with organic solvent to remove grease and then another thorough rinse with water.
- Cleaning can be done in a glass washing machine or manually.

Washing machine

Choose from the wide variety of detergent formulations offered by laboratory specialists for washing machines, depending on the residues you need to eliminate. These formulations are optimised for typical laboratory residues. Check that the support racks and pins are well coated with a nonabrasive material to prevent the glass from being scratched or broken by a hard surface.

Manual wash

Use only soft sponges or other soft clothes or plastic core brushes with non-abrasive bristles.

Choose from the wide variety of detergent formulations offered by laboratory specialists for manual washing, depending on the residues you need to eliminate. These formulations are optimised for typical laboratory residues.

Specialised cleaning methods

1. Permanganate stains. Use a mixture of equal volume 3% sulphuric acid and 3% hydrogen peroxide.

2. Iron stains. Use a solution containing equal parts of hydrochloric acid and water.

3. Bacteriological material. Glassware should be soaked in a disinfectant solution or steam autoclaved. After that, clean with a detergent.

Special precautions during the cleaning process:

- Do not use any abrasive sponges as used in kitchens for cleaning pots.
- Avoid any detergents or cleaning solutions that contain abrasive particles.
- Remove any hard objects like metal spatulas, stirring rods or brushes immediately. They can break the glass or scratch it.
- Strong alkaline domestic or industrial detergents will dissolve the glass and eventually cause breakage.
- Remove any kind of metal jewellery as well as rings with gems if you plan to put your hand inside glassware.

CARE AND HANDLING OF GLASSWARE

Ground-glass joints and glass stopcocks

If ground-glass joints are not lubricated, they may “freeze”. Ground joints must be carefully cleaned before lubrication to avoid any particles from scratching the surface and causing leakage.

Apiezon, silicone-based, and fluoroether-based greases can be used depending on the purpose:

- Apiezon or similar hydrocarbon-based greases are cheap and suitable for high vacuum applications. As they dissolve well in organic solvents, the advantage is that the glass can be cleaned well with hexanes or pentane. The disadvantage, however, is that this lubricant may easily contaminate reaction mixtures.
- Silicone-based greases are relatively inert, but contamination of reaction mixtures cannot be excluded completely. Soaking in a base bath is the best method to remove this lubricant as it is resistant to organic solvents.
- Fluoroether-based greases are the most inert of all and resistant to solvents, acids, bases, and oxidisers. The drawback is that they are quite expensive and not easily removed by cleaning.

Proper lubricating of ground-joints is done by applying grease only on the upper part of the inner joint. The joint is properly lubricated if it appears clear and without striations.

In order to lubricate stopcocks, spread two circular bands of grease around the plug of the stopcock. After having inserted the plug into the barrel and twisting several times, the assembly should be completely transparent. Avoid plugging the bore by using too much grease.

Stopcocks with PTFE Plugs (Polytetrafluoroethylene)

PTFE offers a number of advantages over glassware in the sense that it is very tough, heat resistant and durable. PTFE plugs do not “freeze” and hence do not require any lubricant that may cause contamination.

PTFE properties

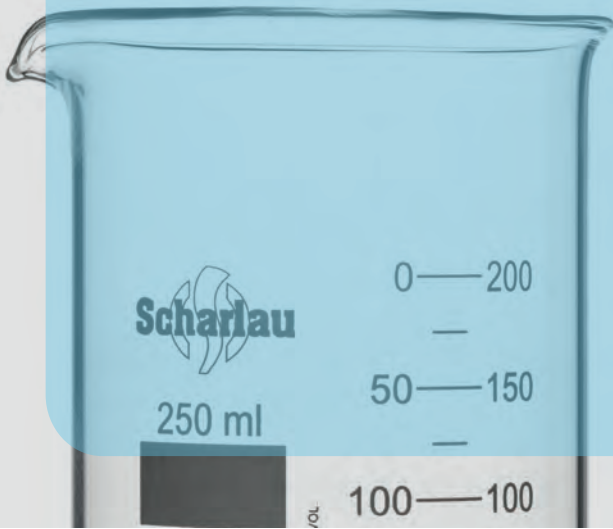
Properties	Advantages
Extreme chemical resistance	Withstands corrosive environments Does not contaminate
Insoluble	No contamination in ultra-pure or corrosive applications
High thermal stability	Working temperatures from -200 to +300°C Does not melt to a liquid phase - an in-built safety feature
Exceptional electrical properties	Extremely high electrical resistance Low dielectric constant and dielectric loss factor
Does not support tracking Lowest coefficient of friction of all solids Other materials exhibit little or no adhesion to PTFE Good flexural properties	Exceptional anti-adhesion properties
Outstanding resistance to fatigue No embrittlement in liquid helium	

Here are some tips to obtain maximum performance:

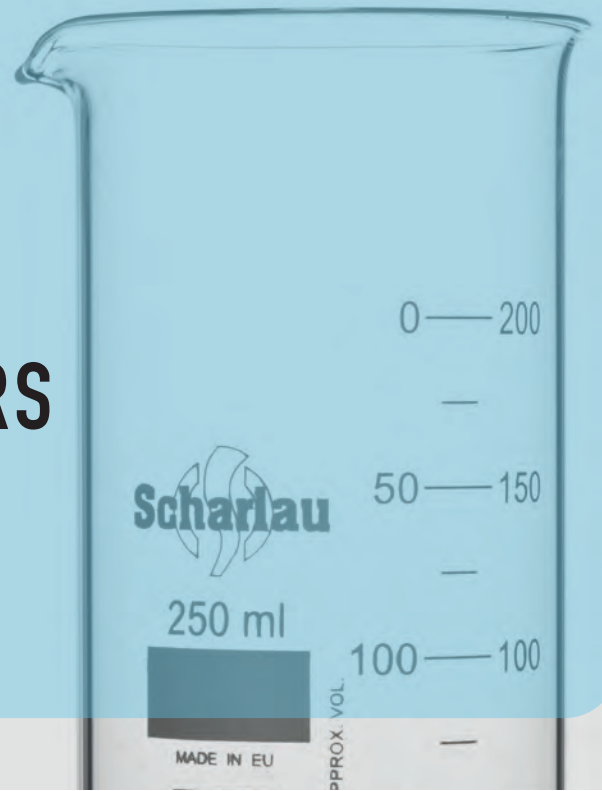
- Before you start using a new plug, disassemble it, rinse the plug and barrel with acetone and then dry everything.
- The PTFE washer should always be placed adjacent to the end of the glass barrel to ensure minimal friction. After tightening the plug, it should turn only slightly harder than a lubricated glass plug. Solid particles can easily score the plug around the bore and the plug may leak.
- Do not use stopcocks with PTFE plugs on a vessel used for long-term storage of liquids known to attack glass. The surface of the barrel may become roughened and leakage may occur.



NOTE: Young stopcocks for high vacuum available on request.



BEAKERS



BEAKERS

BEAKERS, LOW FORM, GRADUATED, BOROSILICATE GLASS DIN 12331



CAP. (ml)	Ø (mm)	HEIGHT (mm)	RETRACE CODE	DOUBLE GRADUATED SCALE	PACK (U.)	ART. NO.
25	34	50	No	No	10	1033550103
50	42	60	Yes	Yes	10	1033550104
100	50	70	Yes	Yes	10	1033510105
150	60	80	No	No	10	1033510106
250	70	95	Yes	Yes	10	1033510108
400	80	110	No	No	10	1033510110
600	90	125	Yes	Yes	10	1033510112
800	100	135	No	No	10	1033510113
1000	105	145	Yes	Yes	10	1033510114
2000	130	185	Yes	Yes	4	1033510115

BEAKERS, TALL FORM, GRADUATED, BOROSILICATE GLASS DIN 12331



CAP. (ml)	Ø (mm)	HEIGHT (mm)	RETRACE CODE	DOUBLE GRADUATED SCALE	PACK (U.)	ART. NO.
25	28	60	No	No	10	1033550203
50	38	70	Yes	Yes	10	1033550204
100	48	80	Yes	Yes	10	1033510205
150	54	95	Yes	Yes	10	1033510206
250	60	120	Yes	Yes	10	1033510208
400	70	130	Yes	Yes	10	1033510210
600	80	150	No	No	10	1033510212
800	90	175	No	No	10	1033510213
1000	95	180	Yes	Yes	10	1033510214
2000	120	240	No	No	4	1033510215

CONDENSERS

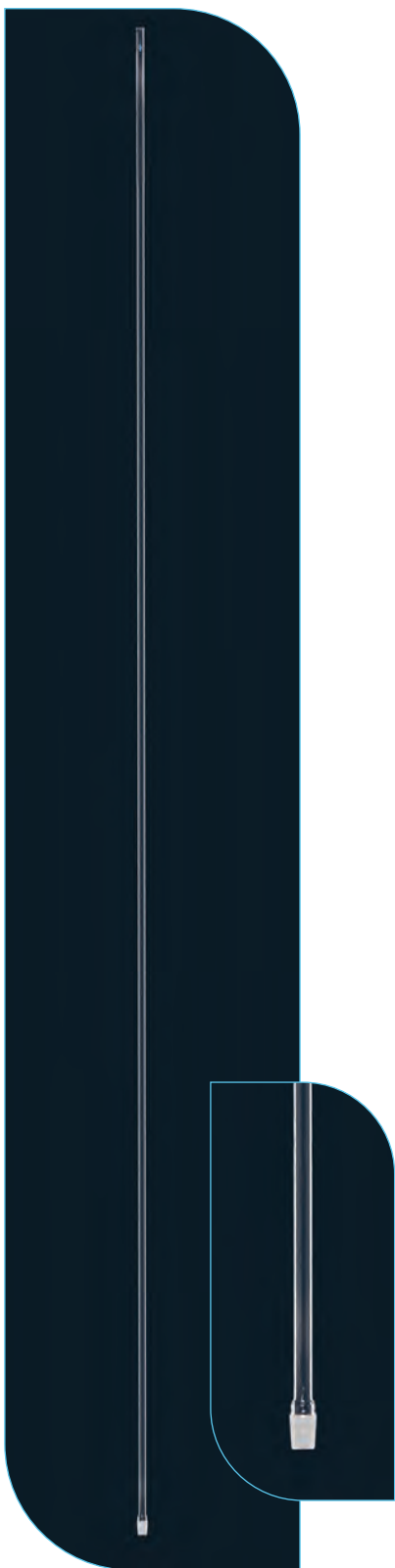
CONDENSERS

ALLIHN CONDENSER



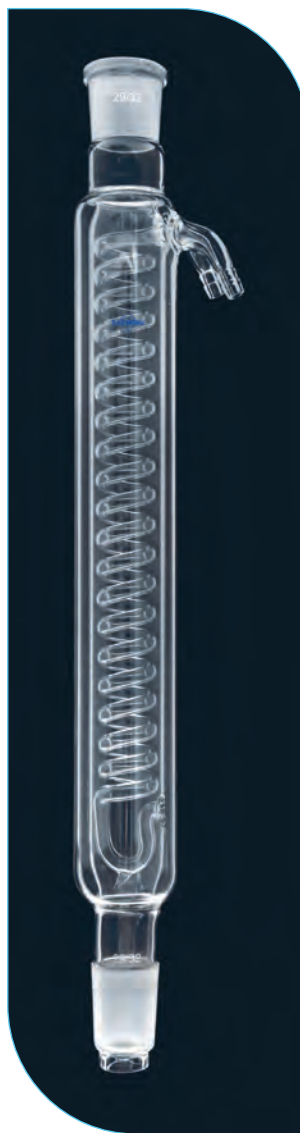
GROUND JOINTS	EFFECTIVE LENGTH (mm)	PACK (U.)	ART. NO.
C/S-14/23	200	1	073-000446
C/S-29/32	200	1	073-000447
C/S-29/32	300	1	073-000449
C/S-29/32	500	1	073-000451

AIR CONDENSER, CONE



GROUND JOINTS	EFFECTIVE LENGTH (mm)	PACK (U.)	ART. NO.
C-14/23	500	1	073-000410
C-29/32	500	1	073-000416
C-14/23	1000	1	073-000411
C-29/32	1000	1	073-000412

DIMROTH JACKETED CONDENSER



GROUND JOINTS	EFFECTIVE LENGTH (mm)	PACK (U.)	ART. NO.
C/S-29/32	300	1	073-000481
C/S-29/32	400	1	073-400481

DIMROTH CONDENSERS WITH GROUND JOINTS



GROUND JOINTS	EFFECTIVE LENGTH (mm)	PACK (U.)	ART. NO.
C/S-14/23	110	1	073QS03287
C/S-14/23	150	1	073-000473
C/S-14/23	200	1	073-000474
C/S-29/32	200	1	073-000475
C/S-29/32	250	1	073-000476
C/S-29/32	300	1	073-000477
C/S-29/32	400	1	073-0162/4

LIEBIG WEST CONDENSERS WITH GROUND JOINTS



GROUND JOINTS	EFFECTIVE LENGTH (mm)	PACK (U.)	ART. NO.
C/S-14/23	120	1	073-000425
C/S-14/23	200	1	073-000426
C/S-14/23	250	1	073-000427
C/S-14/23	300	1	073-000428
C/S-29/32	250	1	073-000429
C/S-29/32	300	1	073-000430
C/S-29/32	400	1	073-000431
C/S-29/32	500	1	073-000432
C/S-29/32	600	1	073-000433

FILTRATION

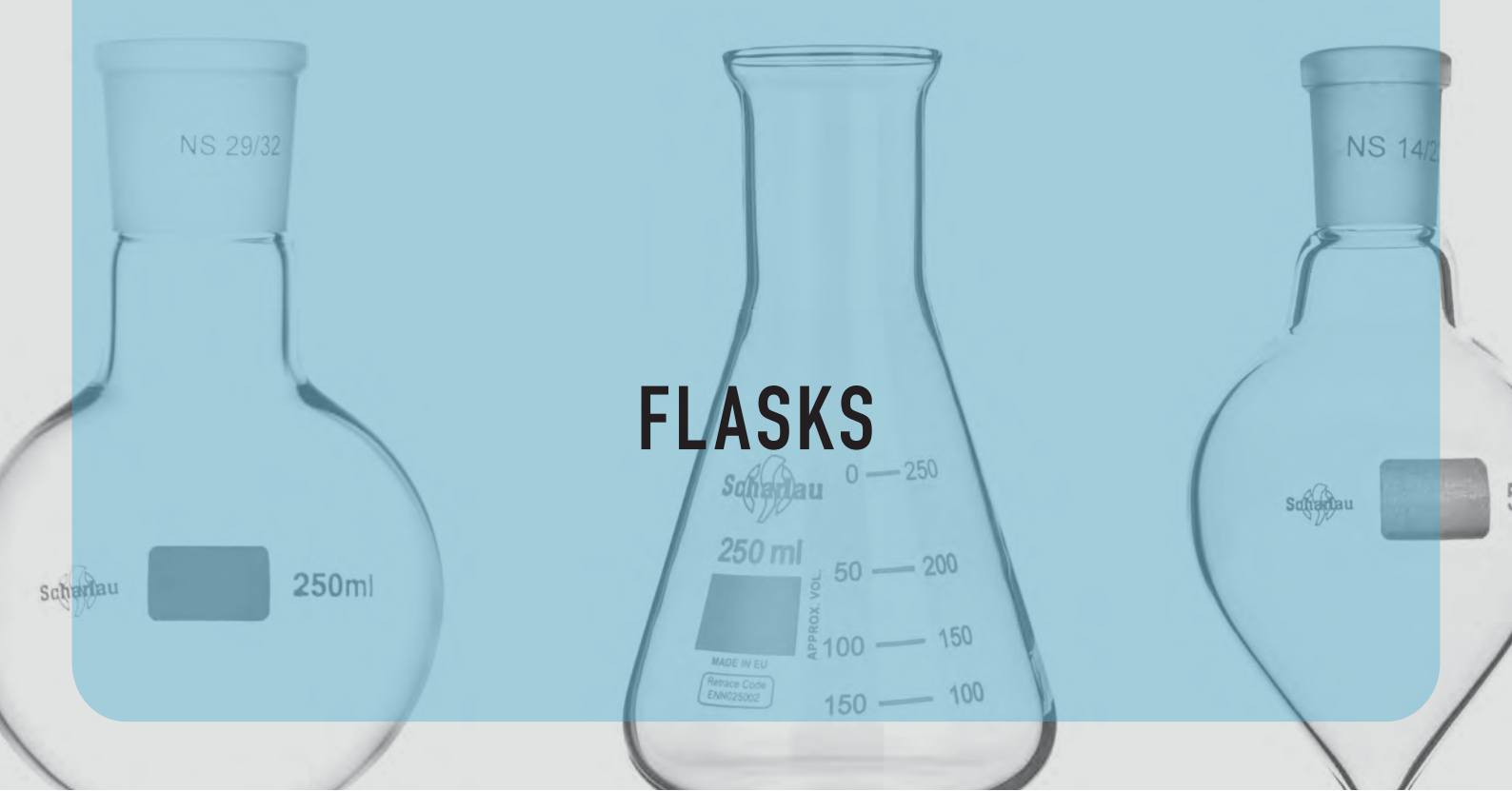
FILTRATION: FILTRATION SYSTEMS

FILTRATION ASSEMBLY FOR 47 mm MEMBRANES



DESCRIPTION	PACK (U.)	ART. NO.
Complete	1	073-001119
47 mm filter support	1	073-001120
Support funnel 300 ml	1	073-001121
Metal clip	1	073-Q279-5
1000 ml filtering flask	1	0033768104
Neoprene plug number 8	1	073-426151

See **filtration membranes** in **CONSUMABLES**.



FLASKS

FLASKS: ERLENMEYER FLASKS

ERLENMEYER FLASKS NARROW NECK DIN 1773



ERLENMEYER FLASKS WIDE NECK DIN 1773



CAP. (ml)	Ø NECK (mm)	HEIGHT (mm)	DOUBLE SCALE GRADUATED	RETRACE CODE	PACK (U.)	ART. NO.
25	22	75	No	No	10	1033567303
50	22	90	No	No	10	1033567304
100	22	105	No	No	10	1033527305
200	34	135	No	No	10	1033527307
250	34	145	Yes	Yes	10	1033527308
300	34	160	No	No	10	1033527309
500	34	180	Yes	Yes	10	1033527311
1000	42	220	Yes	Yes	10	1033527314
2000	50	280	No	No	10	1033567315

CAP. (ml)	Ø NECK (mm)	HEIGHT (mm)	DOUBLE SCALE GRADUATED	RETRACE CODE	PACK (U.)	ART. NO.
25	31	70	No	No	10	1033567503
50	34	85	No	No	10	1033567504
100	34	105	Yes	Yes	10	1033527505
200	50	131	No	No	10	1033527507
250	50	140	Yes	Yes	10	1033527508
300	50	156	No	No	10	1033527509
500	50	175	Yes	Yes	10	1033527511
1000	50	220	No	No	10	1033527514

ERLENMEYER FLASKS WITH GROUND SOCKET



CAP. (ml)	SOCKET	PACK (U.)	ART. NO.
25	14/23	10	073-100134
50	14/23	10	073-100135
50	29/32	10	073-113529
100	14/23	10	073-100136
100	19/26	10	073-100137
100	29/32	10	073-100138
250	14/23	10	073-100139
250	24/29	10	0731024140
250	29/32	10	073-100140
500	29/32	10	073-100142
1000	24/29	10	0731024144
1000	29/32	10	073-100144

FLASKS: SPHERICAL FLASKS

FLASKS, GROUND SOCKET, ROUND BOTTOM, SHORT NECK, CLEAR GLASS



CAP. (ml)	SOCKET	PACK (U.)	ART. NO.
10	14/23	10	073-100002
25	14/23	10	073-100003
50	14/23	10	073-100004
50	19/26	10	073-101904
100	14/23	10	073-100005
100	19/26	10	073-101905
100	24/29	10	073-102405
100	29/32	10	073-100006
250	14/23	10	073-100007
250	19/26	10	073-101907
250	24/29	10	073-102407
250	29/32	10	073-100008
500	19/26	10	073-101909
500	24/29	10	073-102409
500	29/32	10	073-100009
1000	24/29	10	073-102410
1000	29/32	10	073-100010
2000	29/32	10	073-100012

FLASKS, GROUND SOCKET, ROUND BOTTOM, SHORT NECK, AMBER GLASS



CAP. (ml)	SOCKET	PACK (U.)	ART. NO.
50	14/23	10	073A100004
100	14/23	10	073A100005
100	29/32	10	073A100006
250	14/23	10	073A100007
250	29/32	10	073A100008
500	29/32	10	073A100009
1000	29/32	10	073A100010

SCHARLAU HEATING BLOCKS

Made of anodised aluminium alloy, our range of heating blocks are able to heat round bottom flasks from 10 ml to 1 l on a stirring hotplate. The blocks are compatible with any stirring hotplate and can be placed anywhere on top of it.

The lateral hole allows block temperature measurement using a PT100 probe and the block bottom holes permit the release of fumes in case liquid should accidentally leak from the flask.

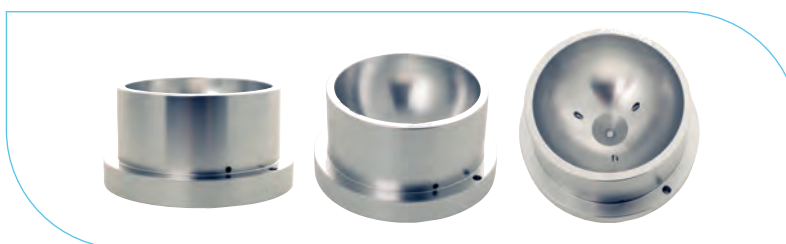
Save energy and money using our heating blocks. Oil should be replaced in order to maintain safe working conditions, which has an additional cost. On the other hand, the oil degrades over time and can produce toxic fumes. Replace oil baths and heating mantles increasing speed, clean-liness and safety.

ALUMINIUM BLOCKS FOR USE ON TOP OF HOTPLATE



Made of an anodised aluminium alloy. Suitable for heating round bottom flasks from 10 ml to 1 l on a hotplate stirrer. Compatible with any hotplate stirrer and can be placed anywhere on top of it. The lateral hole allows block temperature measurement using a PT100 probe. Block bottom holes allow the release of fumes in case liquid should accidentally leak from the flask. Replace oil baths and heating mantles increasing speed, cleanliness and safety.

DESCRIPTION	PACK (U.)	ART. NO.
Aluminium heating block for 10 ml flask	1	CAL-000010
Aluminium heating block for 25 ml flask	1	CAL-000025
Aluminium heating block for 50 ml flask	1	CAL-000050
Aluminium heating block for 100 ml flask	1	CAL-000100
Aluminium heating block for 250 ml flask	1	CAL-000250
Aluminium heating block for 500 ml flask	1	CAL-000500
Aluminium heating block for 1000 ml flask	1	CAL-001000



FLASKS: HEART-SHAPED FLASKS

HEART-SHAPED FLASKS, SINGLE NECK



CAPACITY (ml)	SOCKET	PACK (U.)	ART. NO.
5	14/23	1	073-125005
10	14/23	1	073-125010
25	14/23	1	073-000125
50	14/23	1	073-000126
100	14/23	1	073-000127
250	14/23	1	073-000128
250	29/32	1	073-000129

FLASKS: EVAPORATING FLASKS

PEAR-SHAPED EVAPORATING FLASKS



CAP. (ml)	SOCKET	EQUIV. BÜCHI	EQUIV. HEIDOLPH	PACK (U.)	ART. NO.
50	NS 29/32	000431	-	1	073-000053
100	NS 29/32	000432	514-71000-00	1	073-000054
250	NS 29/32	000433	514-72000-00	1	073-000055
500	NS 29/32	000434	514-73000-00	1	073-000056
1000	NS 29/32	000435	514-74000-00	1	073-000057
2000	NS 29/32	000436	514-75000-00	1	073-572000

RECEIVING FLASKS, ROUND BOTTOM, SPHERICAL JOINT



CAP. (ml)	SOCKET	EQUIV. BÜCHI	EQUIV. HEIDOLPH	PACK (U.)	ART. NO.
500	S 35/20	000424	514-83000-00	1	073-000025
1000	S 35/20	000425	514-84000-00	1	073-000027
2000	S 35/20	000426	514-85000-00	1	073-102000
3000	S 35/20	000427	514-86000-00	1	073-103000

FUNNELS

FUNNELS

FUNNELS SHORT STEM, BOROSILICATE GLASS



FUNNELS FOR POWDERED PRODUCTS



Ø OUTER (mm)	Ø STEM (mm)	STEM LENGTH (mm)	PACK (U.)	ART. NO.
60	25	14	10	1033793307
70	30	16	10	1033793308
80	30	17	10	1033793309
100	35	22	10	1033793310

Borosilicate 3.3 glass. Opening angle 60°, fused edge. Flat inner surface.

Ø OUTER (mm)	Ø STEM (mm)	STEM LENGTH (mm)	PACK (U.)	ART. NO.
30	6	30	10	1033793101
35	6	35	10	1033793102
45	6	45	10	1033793104
50	8	50	10	1033793105
55	8	55	10	1033793106
60	8	60	10	1033793107
75	8	70	10	1033793108
80	8	80	10	1033793109
100	12	100	10	1033793110

SEPARATING FUNNEL, CONICAL PTFE STOPCOCK, WITH STOPPER



CAP. (ml)	SOCKET	PACK (U.)	ART. NO.
50	19/26	1	073-000313
100	19/26	1	073-000314
250	29/32	1	073-000315
500	29/32	1	073-000316
1000	29/32	1	073-000317

GLASSWARE FOR INERT ATMOSPHERE

GLASSWARE FOR INERT ATMOSPHERE: SCHLENK FLASKS, TUBES AND FILTERS

SCHLENK NITROGEN TUBES, GROUND SOCKET AND GLASS STOPCOCK



CAPACITY (ml)	SOCKET	PACK (U.)	ART. NO.
10	14/23	1	073-370113
25	14/23	1	073-370122
50	14/23	1	073-370128
100	14/23	1	073-370137
250	14/23	1	073-370149

SCHLENK NITROGEN TUBES, GROUND CONE AND GLASS STOPCOCK



CAPACITY (ml)	CONE	PACK (U.)	ART. NO.
10	14/23	1	073-370213
25	14/23	1	073-370222
50	14/23	1	073-370228
100	14/23	1	073-370237
250	14/23	1	073-370249

LABORATORY BOTTLES

LABORATORY BOTTLES

REAGENT BOTTLE, WITH BLUE SCREW CAP



Clear borosilicate glass bottle, with GL45 thread, graduated, blue cap and pouring ring, ISO 4796. Made of borosilicate glass 3.3. The bottle, pouring ring and screw cap can be sterilised. *It includes retrace code and double graduated scale.

CAP. (ml)	THREAD ISO	DOUBLE GRADUATED SCALE	RETRACE CODE	PACK (U.)	ART. NO.
100	GL45	Yes	Yes	10	2733799005
250	GL45	Yes	Yes	10	2733799006
500	GL45	Yes	Yes	10	2733799007
1000	GL45	Yes	Yes	10	2733799008

OTHER PRODUCTS

OTHER PRODUCTS

GLASS PASTEUR PIPETTES



LENGTH (mm)	PACK (U.)	ART. NO.
160	250	073-001734
220	250	073-001735

SODA GLASS PETRI DISHES



Ø (mm)	HEIGHT (mm)	PACK (U.)	ART. NO.
60	15	1	359-796001
80	15	1	359-796003
100	20	1	359-796006
150	25	1	359-796008
180	30	1	359-796009
200	30	1	359-796010

HEXAGONAL GLASS STOPPERS



CONE	PACK (U.)	ART. NO.
7/16	10	073-10716
10/19	10	073-101043
12/21	10	073-101044
14/23	10	073-101045
19/26	10	073-101046
24/29	10	073-101047
29/32	10	073-101048
34/35	10	073-101049
45/40	10	073-101050

HEXAGONAL POLYETHYLENE STOPPERS



CONE	PACK (U.)	ART. NO.
7/16	10	073-10716P
10/19	10	073-101064
12/21	10	073-101065
14/23	10	073-101066
19/26	10	073-101067
24/29	10	073-101068
29/32	10	073-101069
45/40	10	073-101075

PYCNOMETERS

PYCNOMETERS

GAY-LUSSAC GLASS PYCNOMETERS



According to ISO 3507. Capacity adjustment recorded in the pycnometer. Conformity certified. Frosted plug 10/19 with capillary. 3.3 borosilicate glass material.

CAP. (ml)	PACK (U.)	ART. NO.
10	1	073-000986
25	1	073-000987
50	1	073-000988
100	1	073-000989

RENAULT GLASS PYCNOMETERS FOR SOLIDS



Capacity adjustment recorded in the pycnometer. Conformity certified. Borosilicate glass 3.3.

CAP. (ml)	GROUND JOINTS	PACK (U.)	ART. NO.
10	12/21	1	073-000990
25	14/23	1	073-000991
50	14/15	1	073-000992
100	19/15	1	073-000993

SOXHLET EXTRACTORS

SOXHLET EXTRACTORS

COMPLETE SOXHLET EXTRACTOR OF 125 ml



DESCRIPTION	CONE	SOCKET	PACK (U.)	ART. NO.
Complete	-	-	1	073-000729
Extractor piece 125 ml	29/32	45/40	1	073-000730
Dimroth condenser 200 mm useable height	45/40	-	1	073-000479
Flat bottom flask 250 ml	-	29/32	1	073-000042

See **cellulose extraction thimbles** in **CONSUMABLES**.

COMPLETE SOXHLET EXTRACTOR OF 250 ml



DESCRIPTION	CONE	SOCKET	PACK (U.)	ART. NO.
Complete	-	-	1	073-000731
Extractor piece 250 ml	29/32	55/44	1	073-000732
Dimroth condenser 200 mm useable height	55/44	-	1	073-000480
Flat bottom flask 500 ml	-	29/32	1	073-000043

FILTER CRUCIBLES WITH SINTERED DISK POROSITY 2



DESCRIPTION	Ø EXTXH (mm)	CAP. (ml)	PACK (U.)	ART. NO.
Filter crucibles 50 ml	24x70	20	1	073-000733
Filter crucibles 125 ml	40x90	75	1	073-000734
Filter crucibles 250 ml	44x130	170	1	073-000735

TUBES

GLASS SODA TEST TUBE RIMLESS AND ROUND BOTTOM



Round bottom glass tubes. Made of soda glass. The high quality of those tubes is reflected in the uniformity of their wall thickness and of their diameter and height dimensions. Supplied in small quantities per case for a more convenient use in laboratory.

CAP. (ml)	DIM. ØxLENGTH (mm)	THICKNESS (mm)	PACK (U.)	ART. NO.
4	9,75x75	0,6	4x250	027-801075
6	11,6x75	0,6	4x250	027-801275
10	12,7x100	0,6	4x250	027-813100
15	15,75x100	0,6	4x250	027-816100
22	16x150	0,7	4x250	027-816150
27	16x160	0,55	500	027-816160
28	18x150	0,85	2x250	027-818150
34	20x150	0,85	100	027-820150
47	19,25x200	0,85	250	027-820200

BOROSILICATE GLASS TEST TUBE RIMLESS AND ROUND BOTTOM



Round bottom glass tubes. Made of borosilicate glass 3.3. The high quality of those tubes is reflected in the uniformity of their wall thickness and of their diameter and height dimensions.

CAP. (ml)	DIM. ØxLENGTH (mm)	THICKNESS (mm)	TUBES/BOX	PACK (U.)	ART. NO.
3	10x75	0,6	100	1	124-01075P
4	10x100	0,6	100	1	124-10100P
5	12x75	0,8	250	1	124-01275P
6	12x100	0,8	100	1	124-12100P
8	12x120	0,8	250	1	124-12120P
15	15x150	1	250	1	124-15150P
15	16x100	1	250	1	124-16100B
20	16x160	1	250	1	124-16160B
30	18x180	1	100	1	124-18180P
40	20x200	1	100	1	124-20200P

DURHAM (BELL) TUBE



Durham bell to determine the gas production of microorganisms. Without bevel edge. Made of soda glass.

BOTTOM	CAP. (ml)	ØxLENGTH (mm)	MATERIAL	TUBES/BOX	PACK (U.)	ART. NO.
Round	0,6	6x20	Soda	100	1	124-00620C
Round	0,9	6x30	Soda	100	1	124-00630C
Round	1,1	6x40	Soda	100	1	124-00640C
Round	1,1	7x30	Soda	100	1	124-00730C
Round	1,4	7x40	Soda	100	1	124-00740C
Round	1,5	8x30	Soda	100	1	124-00830C

VOLUMETRIC MATERIAL

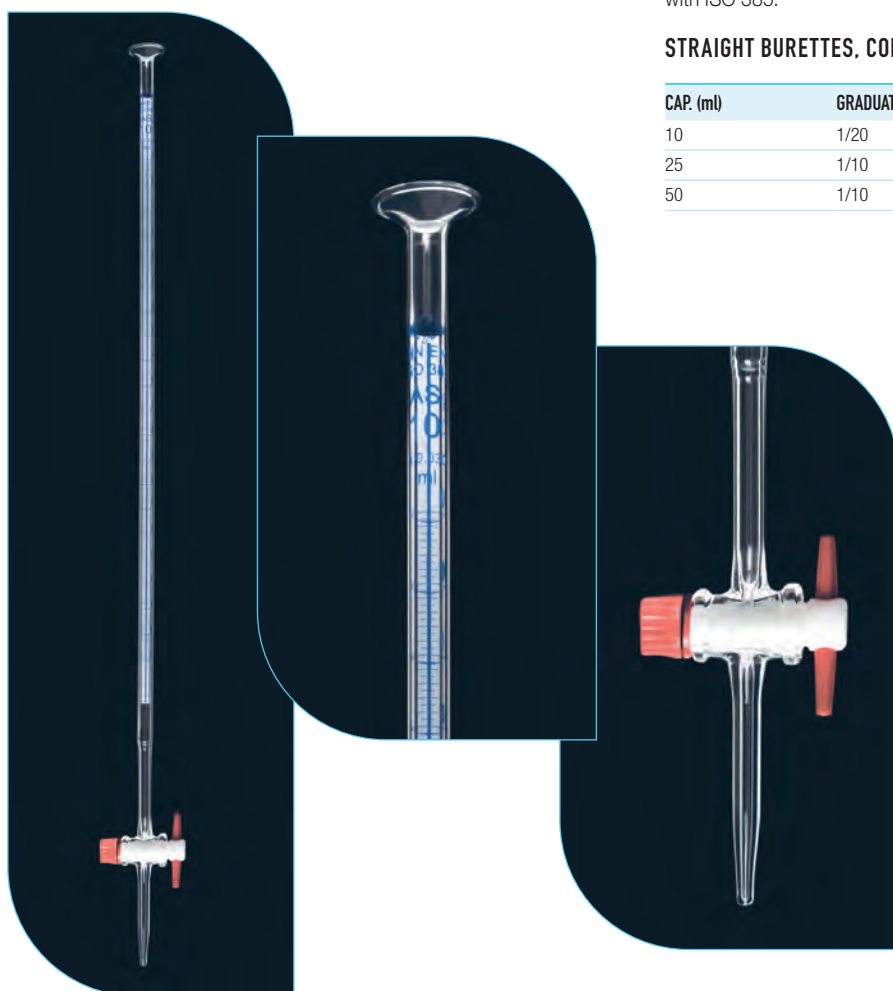
VOLUMETRIC MATERIAL: BURETTES

GLASS BURETTES

Scharlau burettes are all class AS and each one is provided with a calibration certificate and serial number. Its marking is indelible and all variants exist also in amber glass. With Schellbach stripe for readability. They conform with ISO 385.

STRAIGHT BURETTES, CONICAL PTFE STOPCOCK

CAP. (ml)	GRADUATION (ml)	PACK (U.)	ART. NO.
10	1/20	4	273-001520
25	1/10	4	273-001521
50	1/10	4	273-001522



VOLUMETRIC MATERIAL: FLASKS

VOLUMETRIC FLASKS, BOROSILICATE GLASS, CLASS A, PE STOPPER, SERIAL NUMBER AND CONFORMITY CERTIFIED



Borosilicate glass 3.3. Blue tinted. Lot number. Complies with norm ISO 1042.

CAP. (ml)	SOCKET	TOL. ± (ml)	PACK (U.)	ART. NO.
5	10/19	0,025	8	273-001629
10	10/19	0,025	8	273-001630
20	10/19	0,04	8	2732163120
25	12/21	0,04	8	273-201631
50	12/21	0,06	8	273-201632
100	14/23	0,10	8	273-201633
200	14/23	0,15	8	273-201634
250	14/23	0,15	8	273-201635
500	19/26	0,25	8	273-201636
1000	24/29	0,40	8	273-201637
2000	29/32	0,60	8	273-001638

VOLUMETRIC FLASKS, AMBER GLASS, CLASS A, PE STOPPER, SERIAL NUMBER AND CONFORMITY CERTIFIED



Borosilicate glass 3.3. White coated. Lot number. Complies with norm ISO 1042. Amber glass.

CAPACITY (ml)	SOCKET	TOL. ± (ml)	PACK (U.)	ART. NO.
5	10/19	0,025	8	273A001629
10	10/19	0,025	8	273A001630
20	10/19	0,04	8	273A163120
25	12/21	0,04	8	273A201631
50	12/21	0,06	8	273A201632
100	14/23	0,10	8	273A201633
200	14/23	0,15	8	273A201634
250	14/23	0,15	8	273A201635
500	19/26	0,25	8	273A201636
1000	24/29	0,40	8	273A201637
2000	29/32	0,60	8	273A001638

VOLUMETRIC FLASKS WITH COLOURED NECK, CLASS A, WITH PE STOPPER, LOT NUMBER AND CONFORMITY CERTIFICATE

Prevent laboratory mistakes and the contamination of mixed samples. Easy identification samples or flasks in shared laboratories. Available in 4 colours: red, green, blue and yellow. Resistant to usual laboratory cleaning.



VOLUMETRIC FLASKS RED COLOUR ■

CAPACITY (ml)	SOCKET	COLOUR	TOL. ± (ml)	PACK (U.)	ART. NO.
10	10/19	Red	0,025	8	273D001630
20	10/19	Red	0,04	8	273D263120
25	12/21	Red	0,04	8	273D201631
50	12/21	Red	0,06	8	273D201632
100	14/23	Red	0,10	8	273D201633
200	14/23	Red	0,15	8	273D201634
250	14/23	Red	0,15	8	273D201635
500	19/26	Red	0,25	8	273D201636
1000	24/29	Red	0,40	8	273D201637

VOLUMETRIC FLASKS GREEN COLOUR ■

CAPACITY (ml)	SOCKET	COLOUR	TOL ± (ml)	PACK (U.)	ART. NO.
10	10/19	Green	0,025	8	273N001630
20	10/19	Green	0,04	8	273N263120
25	12/21	Green	0,04	8	273N201631
50	12/21	Green	0,06	8	273N201632
100	14/23	Green	0,10	8	273N201633
200	14/23	Green	0,15	8	273N201634
250	14/23	Green	0,15	8	273N201635
500	19/26	Green	0,25	8	273N201636
1000	24/29	Green	0,40	8	273N201637

VOLUMETRIC FLASKS BLUE COLOUR ■

CAPACITY (ml)	SOCKET	COLOUR	TOL. ± (ml)	PACK (U.)	ART. NO.
10	10/19	Blue	0,025	8	273E001630
20	10/19	Blue	0,04	8	273E263120
25	12/21	Blue	0,04	8	273E201631
50	12/21	Blue	0,06	8	273E201632
100	14/23	Blue	0,10	8	273E201633
200	14/23	Blue	0,15	8	273E201634
250	14/23	Blue	0,15	8	273E201635
500	19/26	Blue	0,25	8	273E201636
1000	24/29	Blue	0,40	8	273E201637

VOLUMETRIC FLASKS YELLOW COLOUR ■

CAPACITY (ml)	SOCKET	COLOUR	TOL. ± (ml)	PACK (U.)	ART. NO.
10	10/19	Yellow	0,025	8	273W001630
20	10/19	Yellow	0,04	8	273W263120
25	12/21	Yellow	0,04	8	273W201631
50	12/21	Yellow	0,06	8	273W201632
100	14/23	Yellow	0,10	8	273W201633
200	14/23	Yellow	0,15	8	273W201634
250	14/23	Yellow	0,15	8	273W201635
500	19/26	Yellow	0,25	8	273W201636
1000	24/29	Yellow	0,40	8	273W201637



VOLUMETRIC MATERIAL: PIPETTES

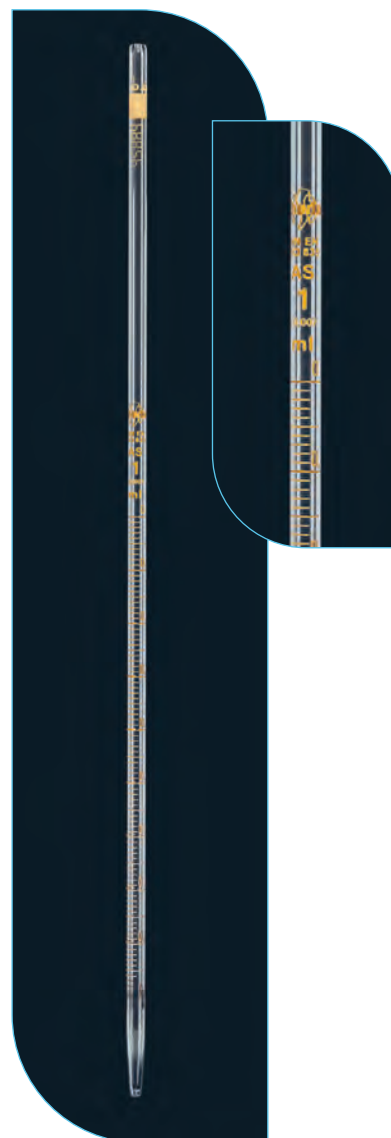
VOLUMETRIC PIPETTES,
ONE MARK, CLASS AS,
SERIALIZED AND CERTIFIED,
SODA-LIME GLASS



VOLUMETRIC PIPETTES,
TWO MARKS, CLASS AS,
SERIALIZED AND CERTIFIED,
SODA-LIME GLASS



GRADUATED PIPETTES,
CLASS AS, TYPE 3,
TOTAL DELIVERY, SERIALIZED
AND CERTIFIED ISO 835



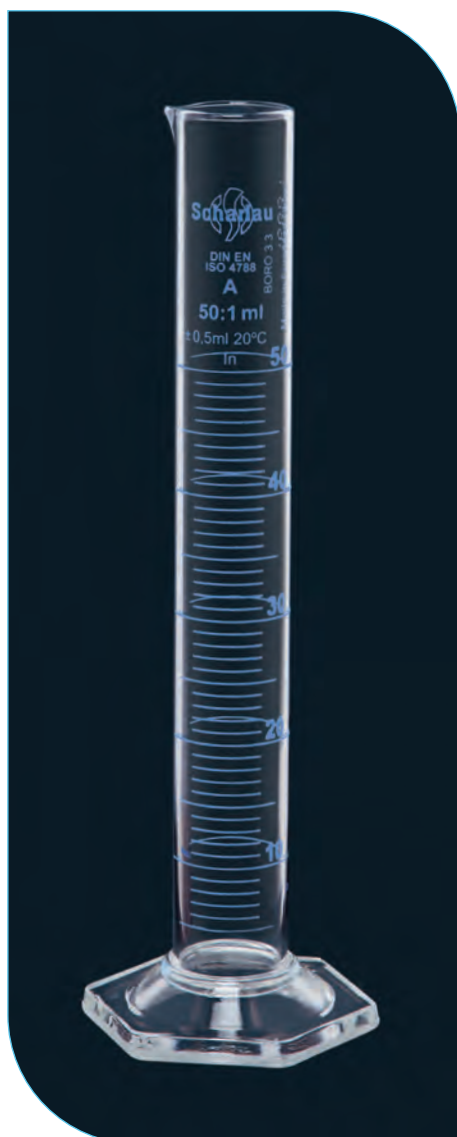
CAP. (ml)	TOL ± (ml)	PACK (U.)	ART. NO.
1	0,008	10	273-991676
2	0,01	10	273-991677
5	0,015	10	273-991678
10	0,02	10	273-991679
20	0,03	10	273-991681
25	0,03	10	273-991682
50	0,05	10	273-991683

CAP. (ml)	TOL ± (ml)	PACK (U.)	ART. NO.
1	0,008	10	273-991696
2	0,01	10	273-991697
5	0,015	10	273-991698
10	0,02	10	273-991699
20	0,03	10	273-991701
25	0,03	10	273-991702
50	0,05	10	273-991703

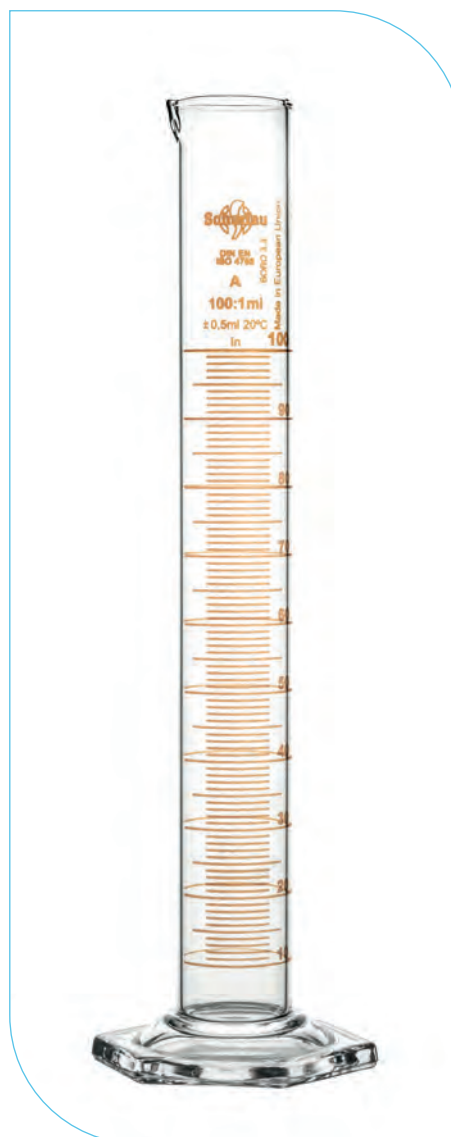
CAP. (ml)	DIVISION (ml)	TOL ± (ml)	PACK (U.)	ART. NO.
0,5	0,01	0,006	10	273-991305
1	0,01	0,007	10	273-991715
2	0,02	0,01	10	273-991717
5	0,05	0,03	10	273-991719
10	0,1	0,05	10	273-991720
25	0,1	0,1	10	273-991721

VOLUMETRIC MATERIAL: GRADUATED CYLINDERS

BOROSILICATE GLASS GRADUATED CYLINDERS, CLASS A, HEXAGONAL BASE, WITH POUR SPOUT, SERIALIZED AND CERTIFIED ISO 4788



BOROSILICATE GLASS GRADUATED CYLINDERS, AMBER PRINTED. CLASS A, HEXAGONAL BASE, WITH POUR SPOUT, SERIALIZED AND CERTIFIED ISO 4788



CAP. (ml)	DIVISION (ml)	TOLERANCE ± (ml)	COLOUR GRAD.	PACK (U.)	ART. NO.
10	1/5	0,10	Blue	8	273-201750
25	1/2	0,25	Blue	8	273-201751
50	1/1	0,5	Blue	8	273-201752
100	1/1	0,5	Blue	8	273-201753
250	2/1	1	Blue	8	273-201754
500	5/1	2,5	Blue	8	273-001755
1000	10/1	5	Blue	8	273-001756
2000	20/1	10	Blue	8	273-001757

CAP. (ml)	DIVISION (ml)	TOLERANCE ± (ml)	COLOUR GRAD.	PACK (U.)	ART. NO.
10	1/5	0,10	Amber	8	273-201743
25	1/2	0,25	Amber	8	273-201744
50	1/1	0,5	Amber	8	273-201745
100	1/1	0,5	Amber	8	273-201746
250	2/1	1	Amber	8	273-201747
500	5/1	2,5	Amber	8	273-001748
1000	10/1	5	Amber	8	273-001749

WEIGHING ELEMENTS

WEIGHING ELEMENTS

WATCH GLASSES, SODA, FUSED EDGES, DIN 12431



Ø (mm)	PACK (U.)	ART. NO.
40	10	0381182040
50	10	0381182050
60	10	0381182060
70	10	0381182070
80	10	0381182080
100	10	0381182100
120	10	0381182120
150	10	0381182150
200	10	0381182200

WEIGHING BOTTLES INTERNAL LID



Borosilicate glass 3.3. Column Dim. ØxH (mm) refers to complete weighing bottle dimensions.

DESCRIPTION	DIM. ØxH (mm)	PACK (U.)	ART. NO.
Complete	28x30	1	073-000829
Interchangeable lid. Male: 29/10	28x30	1	073-000830
Body, 35 mm length. Female: 29/10	28x30	1	073-000831
Complete	44x40	1	073-000832
Interchangeable lid. Male: 40/12	44x40	1	073-000833
Body, 40 mm length. Female: 40/12	44x40	1	073-000834
Complete	50x40	1	073-000835
Interchangeable lid. Male: 45/12	50x40	1	073-000836
Body, 40 mm length. Female: 45/12	50x40	1	073-000837
Complete	60x40	1	073-000838
Interchangeable lid. Male: 55/12	60x40	1	073-000839
Body, 40 mm length. Female: 55/12	60x40	1	073-000840

WEIGHING FUNNELS



CAP. (ml)	Ø STEM (mm)	PACK (U.)	ART. NO.
1	6	1	073-008531
3	7	1	073-000853
6	10	1	073-000854
10	12	1	073-000855
20	12	1	073-008520
50	12	1	073-085550

SCHARLAU PREMIUM MINIREACTORS

SCHARLAU PREMIUM MINIREACTORS

Scharlau premium minireactors are indicated for liquid phase synthesis and are the best choice for research applications as well as for education.

Made of borosilicate glass 3.3, some of the most remarkable features are:

- Color touch screen
- Control unit allows to preset up to 10 programs of 6 segment each one, where temperature gradient and stirring could be controlled
- USB port for data dump
- Stirring seal with motor quick coupling and electronic regulation of velocity for the automatic maintaining of it despite of changes of charge or viscosity
- Standard glass lid of 5 mouths, totally customizable. Free grease closure system based on a FEP/silicone o-ring with a centering PTFE ring
- All the materials are inert and resistant (glass, PTFE, Hastelloy®)

We currently have 2 different models:

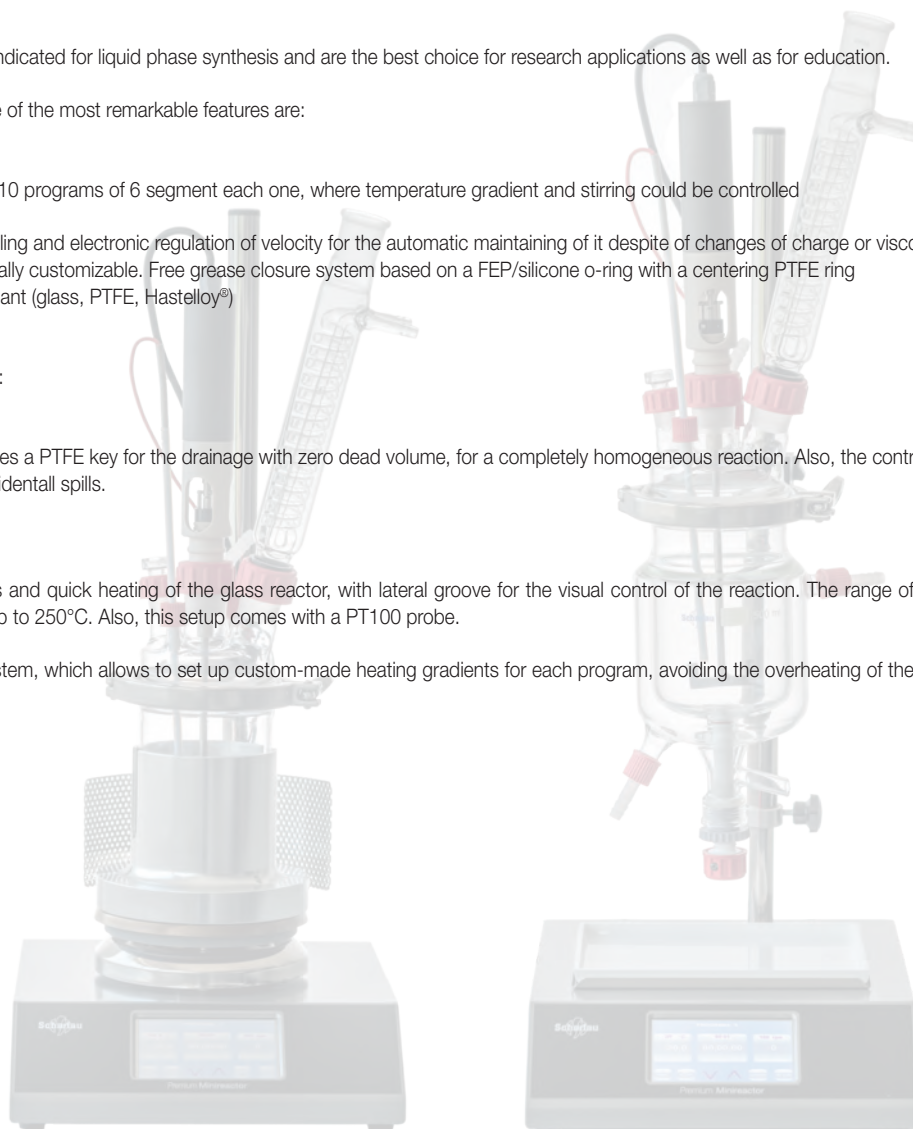
Premium Minireactor MR

Our jacketed minireactors incorporates a PTFE key for the drainage with zero dead volume, for a completely homogeneous reaction. Also, the controller unit comes with a safety drip tray for accidental spills.

Premium Minireactor HME-R

Aluminum block for a homogeneous and quick heating of the glass reactor, with lateral groove for the visual control of the reaction. The range of work of heating plate range between 15°C up to 250°C. Also, this setup comes with a PT100 probe.

Another feature is the autotuning system, which allows to set up custom-made heating gradients for each program, avoiding the overheating of the solution during the reaction.



COMPACT PREMIUM MINIREACTORS FOR SYNTHESIS IN LIQUID PHASE WITH MECHANICAL STIRRING AND ELECTRICAL HEATING



- Aluminium block for fast, homogenous heating with groove for internal visibility.
- Electrical heating from +15 to 250°C with PT100 sensor.
- Reaction vessels from 50 ml to 2 litres.
- Mechanical stirring.
- Stirrer bearing with quick motor coupling.
- Maintains exact speed under changing loads or viscosity.
- Heavy-duty stainless-steel telescopic stand.
- Standard 5 neck glass lid customizable on request.
- FEP encapsulated silicone O-ring, grease free, with self-centering PTFE collar.
- Inert and chemical resistant materials in contact with the reaction product (Glass, PTFE, Hastelloy® stirring shaft).
- Easy internal access.
- Quick release tool-free vessel clamp made of stainless steel.
- USB port for datalogging.
- Colour touch screen.
- Autotuning function.

Technical specifications:

- Temperature range: ambient +15°C to 250°C (0,5 °C intervals)
- Power: 800 W (hotplate) and 50 W (stirrer)
- Stirring speed range: 100 to 700 rpm* controlled by microprocessor (25 rpm intervals)
- Up to 10 programs of 6 segments (Temperature, speed and time)
- Pressure range: from 5mb to 0,7 bar overpressure
- Colour touch screen with real-time temperature and stirring graphics
- Overheating protection: automatic safety shutdown
- USB port for datalogging
- Dimensions: 276x315 mm
- Minimum height: 635 mm (885 mm for 5 l minireactor)
- Maximum height: 935 mm (1150 mm for 5 l minireactor)
- Power supply: 220 V, 50-60 Hz

* Available lower speed range on request (1-400 rpm).

NOTE: The condenser is exclusively used as a photo prop and is not included in the minireactor set up.

DESCRIPTION	Ø JOINT (")	PACK (U.)	ART. NO.
Premium minireactor with mechanical stirring and heating of 50 ml	2,5	1	PHMERO/50
Premium minireactor with mechanical stirring and heating of 100 ml	2,5	1	PHMERO/100
Premium minireactor with mechanical stirring and heating of 250 ml	3	1	PHMERO/250
Premium minireactor with mechanical stirring and heating of 500 ml	3	1	PHMER/5003
Premium minireactor with mechanical stirring and heating of 500 ml	4	1	PHMER/5004
Premium minireactor with mechanical stirring and heating of 1000 ml	4	1	PHMER/1000
Premium minireactor with mechanical stirring and heating of 2000 ml	4	1	PHMER/2000



PREMIUM MINIREACTOR WITH MECHANICAL STIRRING AND JACKETED REACTION VESSEL



Jacketed reaction vessels from 50 ml to 2 litres.
 Temperature control through external equipment (heating or cooling).
 Stirring speed and time settings.
 Zero dead space drain PTFE stopcock.
 Safety drip tray for accidental spills.
 Mechanical stirring:
 Stirrer bearing with quick motor coupling.
 It maintains exact speed under changing loads or viscosity.
 Heavy-duty stainless-steel telescopic stand.
 Standard 5 neck glass lid customisable on request.
 FEP encapsulated silicone O-ring, grease free, with self-centering PTFE collar.
 Inert and chemical resistant materials in contact with the reaction product (Glass, PTFE, Hastelloy® stirring shaft).
 Easy internal access.
 Quick release tool-free vessel clamp made of stainless steel.
 USB port for datalogging.
 Colour touch screen.
 Autotuning function.

Technical specifications:

- Temperature range: depending on the circulating bath to which it is connected
- Power: 50 W (stirrer)
- Stirring speed range: 100 to 700 rpm* controlled by microprocessor (25 rpm intervals)
- Up to 10 programs of 6 segments (Speed and time). Temperature: only register
- Pressure range: from 5 MB to 0,7 bar overpressure
- Colour touch screen with real-time temperature and stirring graphics
- Overheating protection: automatic safety shutdown
- USB port for datalogging
- Dimensions: 276x315 mm
- Minimum height: 635 mm (885 mm for 5 l minireactor)
- Maximum height: 935 mm (1150 mm for 5 l minireactor)
- Power supply: 220 V, 50-60 Hz

* Available lower speed range on request (1-400 rpm).

** This model does not include temperature probe.

NOTE: The condenser is exclusively used as a photo prop and is not included in the minireactor set up.

DESCRIPTION	Ø JOINT (")	PACK (U.)	ART. NO.
Premium minireactor with mechanical stirring and jacketed reaction vessel of 50 ml	2,5	1	PMR000/50
Premium minireactor with mechanical stirring and jacketed reaction vessel of 100 ml	2,5	1	PMR000/100
Premium minireactor with mechanical stirring and jacketed reaction vessel of 250 ml	3	1	PMR000/250
Premium minireactor with mechanical stirring and jacketed reaction vessel of 500 ml	3	1	PMR00/5003
Premium minireactor with mechanical stirring and jacketed reaction vessel of 500 ml	4	1	PMR00/5004
Premium minireactor with mechanical stirring and jacketed reaction vessel of 1000 ml	4	1	PMR00/1000
Premium minireactor with mechanical stirring and jacketed reaction vessel of 2000 ml	4	1	PMR00/2000



COMPONENTS FOR PREMIUM COMPACT MINIREACTOR VESSELS

COMMON COMPONENTS FOR PREMIUM MINIREACTORS



DESCRIPTION	PACK (U.)	ART. NO.
Mechanical stirrer with aluminium case and 2 mts cable (40 - 400 rpm)	1	50PMRMOT52
Mechanical stirrer with aluminium case and 2 mts cable (100 - 700 rpm)	1	50PMRMOT53
Control panel with touch screen and protection tray for splashes	1	500-00PMR1
Control panel with touch screen and heating plate	1	500-0PHMER
Stainless Steel traction piece for stirring shaft	1	0ARRASMINI
Temperature probe Pt100 with 3 pins connector	1	00PMRPT100
Telescopic stand 25 mm Ø	1	500TUBTELE
Telescopic stand 25 mm Ø. Longer version	1	50GTUBTELE

ALUMINIUM HEATING BLOCKS FOR PREMIUM REACTORS



DESCRIPTION	PACK (U.)	ART. NO.
Aluminium heating block for 50 ml reactor	1	50PMRCAL50
Aluminium heating block for 100 ml reactor	1	5PMRCAL100
Aluminium heating block for 250 ml reactor	1	5PMRCAL250
Aluminium heating block for 500 ml reactor	1	5PMRCAL500
Aluminium heating block for 1000 ml reactor	1	PMRCAL1000
Aluminium heating block for 2000 ml reactor	1	PMRCAL2000

GLASS REACTION VESSELS



DESCRIPTION	PACK (U.)	ART. NO.
Glass reaction vessel 50 ml with joint 2"1/2	1	500-0MRR50
Glass reaction vessel 100 ml with joint 2"1/2	1	500-MRR100
Glass reaction vessel 250 ml with joint 3"	1	500-MRR250
Glass reaction vessel 500 ml with joint 3"	1	500MRR5003
Glass reaction vessel 500 ml with joint 4"	1	500MRR5004
Glass reaction vessel 1000 ml with joint 4"	1	50MRR10004
Glass reaction vessel 2000 ml with joint 4"	1	50MRR20004

GLASS REACTION VESSELS JACKETED WITH DRAIN VALVE



DESCRIPTION	PACK (U.)	ART. NO.
Glass reaction vessel jacketed with drain valve 50 ml	1	500MRRTD50
Glass reaction vessel jacketed with drain valve 100 ml	1	BRMRRTD100
Glass reaction vessel jacketed with drain valve 250 ml	1	BRMRRTD250
Glass reaction vessel jacketed with drain valve 500 ml with joint 3"	1	5MRRTD5003
Glass reaction vessel jacketed with drain valve 500 ml with joint 4"	1	5MRRTD5004
Glass reaction vessel jacketed with drain valve 1000 ml with joint 4"	1	5MRRTD1000
Glass reaction vessel jacketed with drain valve 2000 ml with joint 4"	1	5MRRTD2000

GLASS LIDS WITH 5 NECKS



DESCRIPTION	PACK (U.)	ART. NO.
Flange lid 2"1/2 with 5 necks	1	500-0MRT25
Flange lid 3" with 5 necks	1	500-00MRT3
Flange lid 4" with 5 necks C-SAV-29 (Rodaviss)	1	500-00MRT4

O-RING MADE OF SILICONE AND PTFE



DESCRIPTION	PACK (U.)	ART. NO.
O-ring 2" 1/2 made of silicone and PTFE	1	500-0MRJ25
O-ring 3" made of silicone and PTFE	1	500-00MRJ3
O-ring 4" made of silicone and PTFE	1	500-00MRJ4

STIRRER BEARING FOR PREMIUM MINIREACTORS



DESCRIPTION	PACK (U.)	ART. NO.
PEEK stirrer bearing for shaft 6 mm Ø and NS 14,5	1	CIAGPEEK14
PEEK stirrer bearing for shaft 6 mm Ø and NS 29	1	CIAGPEEK29

STIRRING SHAFT ANCHOR SHAPED MADE OF HASTELLOY® FOR PREMIUM MINIREACTORS



DESCRIPTION	PACK (U.)	ART. NO.
Hastelloy® stirring shaft for reaction vessel 50 ml	1	500-PMRA50
Hastelloy® stirring shaft for reaction vessel 100 ml	1	500PMRA100
Hastelloy® stirring shaft for reaction vessel 250 ml	1	500PMRA250
Hastelloy® stirring shaft for reaction vessel 500 ml flat flange 3"	1	500PMRA500
Hastelloy® stirring shaft for reaction vessel 500 ml flat flange 4"	1	50PMRA5004
Hastelloy® stirring shaft for reaction vessel 1000 ml	1	50PMRA1000
Hastelloy® stirring shaft for reaction vessel 2000 ml	1	50PMRA2000

FLANGE CLOSURE AND SUPPORTING DEVICE MADE OF STAINLESS STEEL



DESCRIPTION	PACK (U.)	ART. NO.
Flange closure and supporting device for 2"1/2	1	500-0MRS25
Flange closure and supporting device for 3"	1	500-00MRS3
Flange closure and supporting device for 4"	1	500-00MRS4

CONSUMABLES

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ANAEROBIOSIS

ANAEROBIOSIS

ANAEROBIC JAR



Anaerobic jar of 2.5 litres.

DESCRIPTION	PACK (U.)	ART. NO.
2.5 litres	1	064-AGOP25

ATMOSPHERE GENERATOR SACHETS

Atmosphere generators and anaerobic indicators. Three different atmosphere generators available. Do not require the addition of water or a catalyst.

DESCRIPTION	PACK (U.)	ART. NO.
Anaerobic atmosphere generator sachets	10	230-096124
Microaerophilic atmosphere generator sachets	10	230-096125
CO ₂ atmosphere generator sachets for capnophilic bacteria	10	230-096126
Anaerobios indicators strips	50	230-096118

CONTAINERS AND FLASKS

CONTAINERS AND FLASKS

CYLINDRICAL FLASKS (DUCHESS TYPE)



Duchess type flasks, cylindrical with wide neck, translucent white, made of high density polyethylene. For the collection, conservation and storage of samples. With black screw cap and translucent pressure shutter to ensure airtightness and product conservation.

CAP. (ml)	MOUTH Ø (mm)	Ø x H (mm)	PACK (U.)	ART. NO.
60	46	57x45	500	DUQ0000060
100	46	59x60	350	DUQ0000100
125	46	59x70	300	DUQ0000125
250	51	67x98	280	DUQ0000250
500	62	80x112	160	DUQ0000500
1000	86	102x151	90	DUQ0001000
2000	86	118x227	64	DUQ0002000

THREADED CONTAINERS FOR SAMPLES

PP urine containers with PE cap. Writing surface on the side. Wide thermal and chemical resistance. The sterile models have been irradiated and are supplied in an individual bag. Two capacities available. The code PUC1501000, is delivered with the cap without threading.



PSC0603000



PSC0603001



PUC1501000



PUC1501001

DESCRIPTION	CAP. (ml)	EXT. DIM. Ø x H (mm)	STERILE	PACK (U.)	ART. NO.
With assembled cap	60	38x65	No	600	PSC0603000
Sterile with assembled cap	60	38x65	Yes	400	PSC0603001
With separate cap	150	58x72	No	500	PUC1501000
Sterile with assembled cap	150	58x72	Yes	250	PUC1501001



DISPENSATION

DISPENSERS



Economical, resistant dispensers, easy to adjust volume and dosing accuracy thanks to an optimised pump system. Compatible with practically all solvents and acids.

Exceptions: solutions containing hydrofluoric acid, crystallising solutions containing or forming solid materials.

Resistant to autoclave sterilisation at 121°C. Suitable for acids and bases. Removable for easy cleaning. Supplied with calibration certificate, 3 PP adapters, tube, a tool to facilitate assembly and disassembly of the dispenser and the operations manual.

RANGE (ml)	SUBDIVISIONS (ml)	INACCURACY (vk)	IMPRECISION (cv)	GL THREAD	ADAPTER GL	PACK (U.)	ART. NO.
0,25 to 2,5	0,05	±0,6 %	≤0,1 %	32	28, 40, 45	1	033-065.01
0,5 to 5	0,10	±0,5 %	≤0,1 %	32	28, 40, 45	1	033-065.02
1 to 10	0,20	±0,5 %	≤0,1 %	32	28, 40, 45	1	033-065.03
2,5 to 25	0,50	±0,5 %	≤0,1 %	45	32, 38, 38/32	1	033-065.04
5 to 50	1,00	±0,5 %	≤0,1 %	45	32, 38, 38/32	1	033-065.05

FILTRATION

Qualitative and quantitative filter paper PAGE 213
 Glass microfibre and quartz microfibre filters PAGE 221
 Soxhlet cellulose extraction thimbles PAGE 222
 Reams PAGE 223
 Membranes PAGE 224
 Syringe filters PAGE 225

FILTRATION: QUALITATIVE AND QUANTITATIVE FILTER PAPER

Filtration is a common technique in laboratories and widely used in many analytical processes. In areas such as the food and beverage industry, pharmaceutical industry, chemical industry, environmental monitoring, water monitoring and research, filtration plays an important role.

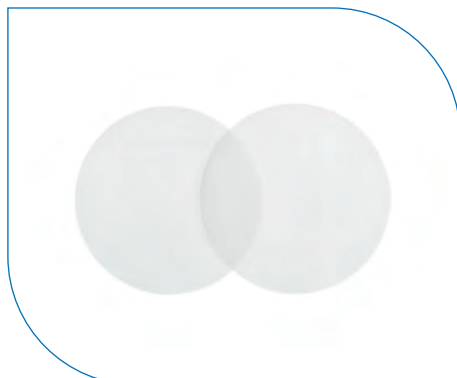
The Scharlau range of laboratory filters consists of high quality products using only the best new materials. Our line of filters is comprised of laboratory quantitative and qualitative filter papers, reams, extraction thimbles, quartz microfibre filters and glass microfibre filters, syringe filters, membranes filters for mobile phase and membrane filters for microbiology. The lot number is detailed on the boxes containing our filters.

The certificate of conformity is available on request.

The table here below is a guide to the filtration rates of our filter papers:

		FILTRATION SPEED							
TYPE OF PAPER		VERY-SLOW FILTRATION	SLOW FILTRATION	MEDIUM FILTRATION		FAST FILTRATION	VERY-FAST FILTRATION		
QUANTITATIVE	Quantitative ashless	WAT	WAS	WAP	WAM	WAG	WAF	WAE	
	Quantitative ashless hardened		WASH		WAMH		WAFH		
	Qualitative analytical grade	LAS	LAP	LAT	LAM	LAG	LAF		
QUALITATIVE	Qualitative general use				STAM		STAE	STAR	
	Qualitative general use creped						STAF		

QUANTITATIVE ASHLESS FILTER PAPERS



Filter papers for quantitative and gravimetric analysis and titration. Maximum cellulose purity, washed with acid and ashes content below 0,01%.

WAFH GRADE, 85 g/m², FAST FILTRATION, HARDENED. SCHARLAU

Ø (mm)	TYPICAL RETENTION (µm)	DISC/FOLDED	PACK (U.)	ART. NO.
47	25-30	Disc	100	CFIWAFH047
50	25-30	Disc	100	CFIWAFH050
55	25-30	Disc	100	CFIWAFH055
70	25-30	Disc	100	CFIWAFH070
90	25-30	Disc	100	CFIWAFH090
110	25-30	Disc	100	CFIWAFH110
125	25-30	Disc	100	CFIWAFH125
150	25-30	Disc	100	CFIWAFH150
185	25-30	Disc	100	CFIWAFH185
240	25-30	Disc	100	CFIWAFH240
110	25-30	Folded	100	CF2WAFH110
125	25-30	Folded	100	CF2WAFH125
150	25-30	Folded	100	CF2WAFH150
185	25-30	Folded	100	CF2WAFH185
240	25-30	Folded	100	CF2WAFH240
270	25-30	Folded	100	CF2WAFH270

WAMH GRADE, 85 g/m², MEDIUM TO SLOW FILTRATION, HARDENED. SCHARLAU

Ø (mm)	TYPICAL RETENTION (µm)	DISC/FOLDED	PACK (U.)	ART. NO.
47	15-17	Disc	100	CFIWAMH047
50	15-17	Disc	100	CFIWAMH050
55	15-17	Disc	100	CFIWAMH055
70	15-17	Disc	100	CFIWAMH070
90	15-17	Disc	100	CFIWAMH090
110	15-17	Disc	100	CFIWAMH110
125	15-17	Disc	100	CFIWAMH125
150	15-17	Disc	100	CFIWAMH150
185	15-17	Disc	100	CFIWAMH185
240	15-17	Disc	100	CFIWAMH240
110	15-17	Folded	100	CF2WAMH110
125	15-17	Folded	100	CF2WAMH125
150	15-17	Folded	100	CF2WAMH150
185	15-17	Folded	100	CF2WAMH185
240	15-17	Folded	100	CF2WAMH240
270	15-17	Folded	100	CF2WAMH270

WASH GRADE, 85 g/m², VERY SLOW FILTRATION, HARDENED. SCHARLAU

Ø (mm)	TYPICAL RETENTION (µm)	DISC/FOLDED	PACK (U.)	ART. NO.
47	2-4	Disc	100	CFIWASH047
50	2-4	Disc	100	CFIWASH050
55	2-4	Disc	100	CFIWASH055
70	2-4	Disc	100	CFIWASH070
90	2-4	Disc	100	CFIWASH090
110	2-4	Disc	100	CFIWASH110
125	2-4	Disc	100	CFIWASH125
150	2-4	Disc	100	CFIWASH150
185	2-4	Disc	100	CFIWASH185
240	2-4	Disc	100	CFIWASH240
110	2-4	Folded	100	CF2WASH110
125	2-4	Folded	100	CF2WASH125
150	2-4	Folded	100	CF2WASH150
185	2-4	Folded	100	CF2WASH185
240	2-4	Folded	100	CF2WASH240
270	2-4	Folded	100	CF2WASH270

WAE GRADE, 85 g/m², EXTRA-FAST FILTRATION. SCHARLAU

Ø (mm)	TYPICAL RETENTION (µm)	DISC/FOLDED	PACK (U.)	ART. NO.
47	25-35	Disc	100	CFIWAE0047
50	25-35	Disc	100	CFIWAE0050
55	25-35	Disc	100	CFIWAE0055
70	25-35	Disc	100	CFIWAE0070
90	25-35	Disc	100	CFIWAE0090
110	25-35	Disc	100	CFIWAE0110
125	25-35	Disc	100	CFIWAE0125
150	25-35	Disc	100	CFIWAE0150
185	25-35	Disc	100	CFIWAE0185
240	25-35	Disc	100	CFIWAE0240
320	25-35	Disc	100	CFIWAE0320
110	25-35	Folded	100	CF2WAE0110
125	25-35	Folded	100	CF2WAE0125
150	25-35	Folded	100	CF2WAE0150
185	25-35	Folded	100	CF2WAE0185
240	25-35	Folded	100	CF2WAE0240
270	25-35	Folded	100	CF2WAE0270

WAF GRADE, 85 g/m², FAST FILTRATION. SCHARLAU

Ø (mm)	TYPICAL RETENTION (µm)	DISC/FOLDED	PACK (U.)	ART. NO.
47	25-30	Disc	100	CFIWAF0047
50	25-30	Disc	100	CFIWAF0050
55	25-30	Disc	100	CFIWAF0055
70	25-30	Disc	100	CFIWAF0070
90	25-30	Disc	100	CFIWAF0090
110	25-30	Disc	100	CFIWAF0110
125	25-30	Disc	100	CFIWAF0125
150	25-30	Disc	100	CFIWAF0150
185	25-30	Disc	100	CFIWAF0185
240	25-30	Disc	100	CFIWAF0240
110	25-30	Folded	100	CF2WAF0110
125	25-30	Folded	100	CF2WAF0125
150	25-30	Folded	100	CF2WAF0150
185	25-30	Folded	100	CF2WAF0185
240	25-30	Folded	100	CF2WAF0240
270	25-30	Folded	100	CF2WAF0270

WAG GRADE, 85 g/m², FAST FILTRATION. SCHARLAU

Ø (mm)	TYPICAL RETENTION (µm)	DISC/FOLDED	PACK (U.)	ART. NO.
47	20-25	Disc	100	CFIWAG0047
50	20-25	Disc	100	CFIWAG0050
55	20-25	Disc	100	CFIWAG0055
70	20-25	Disc	100	CFIWAG0070
90	20-25	Disc	100	CFIWAG0090
110	20-25	Disc	100	CFIWAG0110
125	20-25	Disc	100	CFIWAG0125
150	20-25	Disc	100	CFIWAG0150
185	20-25	Disc	100	CFIWAG0185
240	20-25	Disc	100	CFIWAG0240
320	20-25	Disc	100	CFIWAG0320
110	20-25	Folded	100	CF2WAG0110
125	20-25	Folded	100	CF2WAG0125
150	20-25	Folded	100	CF2WAG0150
185	20-25	Folded	100	CF2WAG0185
240	20-25	Folded	100	CF2WAG0240
270	20-25	Folded	100	CF2WAG0270
320	20-25	Folded	100	CF2WAG0320

WAM GRADE, 85 g/m², MEDIUM TO SLOW FILTRATION. SCHARLAU

Ø (mm)	TYPICAL RETENTION (µm)	DISC/FOLDED	PACK (U.)	ART. NO.
47	14-18	Disc	100	CFIWAM0047
50	14-18	Disc	100	CFIWAM0050
55	14-18	Disc	100	CFIWAM0055
70	14-18	Disc	100	CFIWAM0070
90	14-18	Disc	100	CFIWAM0090
110	14-18	Disc	100	CFIWAM0110
125	14-18	Disc	100	CFIWAM0125
150	14-18	Disc	100	CFIWAM0150
185	14-18	Disc	100	CFIWAM0185
240	14-18	Disc	100	CFIWAM0240
110	14-18	Folded	100	CF2WAM0110
125	14-18	Folded	100	CF2WAM0125
150	14-18	Folded	100	CF2WAM0150
185	14-18	Folded	100	CF2WAM0185
240	14-18	Folded	100	CF2WAM0240
270	14-18	Folded	100	CF2WAM0270
320	14-18	Folded	100	CF2WAM0320

WAP GRADE, 70 g/m², MEDIUM TO SLOW FILTRATION. SCHARLAU

Ø (mm)	TYPICAL RETENTION (µm)	DISC/FOLDED	PACK (U.)	ART. NO.
47	7-9	Disc	100	CFIWAP0047
50	7-9	Disc	100	CFIWAP0050
55	7-9	Disc	100	CFIWAP0055
70	7-9	Disc	100	CFIWAP0070
90	7-9	Disc	100	CFIWAP0090
110	7-9	Disc	100	CFIWAP0110
125	7-9	Disc	100	CFIWAP0125
150	7-9	Disc	100	CFIWAP0150
185	7-9	Disc	100	CFIWAP0185
240	7-9	Disc	100	CFIWAP0240
320	7-9	Disc	100	CFIWAP0320
110	7-9	Folded	100	CF2WAP0110
125	7-9	Folded	100	CF2WAP0125
150	7-9	Folded	100	CF2WAP0150
185	7-9	Folded	100	CF2WAP0185
240	7-9	Folded	100	CF2WAP0240
270	7-9	Folded	100	CF2WAP0270
320	7-9	Folded	100	CF2WAP0320

WAS GRADE, 100 g/m², SLOW FILTRATION. SCHARLAU

Ø (mm)	TYPICAL RETENTION (µm)	DISC/FOLDED	PACK (U.)	ART. NO.
47	2-4	Disc	100	CFIWAS0047
50	2-4	Disc	100	CFIWAS0050
55	2-4	Disc	100	CFIWAS0055
70	2-4	Disc	100	CFIWAS0070
90	2-4	Disc	100	CFIWAS0090
110	2-4	Disc	100	CFIWAS0110
125	2-4	Disc	100	CFIWAS0125
150	2-4	Disc	100	CFIWAS0150
185	2-4	Disc	100	CFIWAS0185
240	2-4	Disc	100	CFIWAS0240
110	2-4	Folded	100	CF2WAS0110
125	2-4	Folded	100	CF2WAS0125
150	2-4	Folded	100	CF2WAS0150
185	2-4	Folded	100	CF2WAS0185
240	2-4	Folded	100	CF2WAS0240
270	2-4	Folded	100	CF2WAS0270
320	2-4	Folded	100	CF2WAS0320

WAT GRADE, 100 g/m², VERY SLOW FILTRATION. SCHARLAU

Ø (mm)	TYPICAL RETENTION (µm)	DISC/FOLDED	PACK (U.)	ART. NO.
47	1-3	Disc	100	CFIWAT0047
50	1-3	Disc	100	CFIWAT0050
55	1-3	Disc	100	CFIWAT0055
70	1-3	Disc	100	CFIWAT0070
90	1-3	Disc	100	CFIWAT0090
110	1-3	Disc	100	CFIWAT0110
125	1-3	Disc	100	CFIWAT0125
150	1-3	Disc	100	CFIWAT0150
185	1-3	Disc	100	CFIWAT0185
240	1-3	Disc	100	CFIWAT0240
320	1-3	Disc	100	CFIWAT0320
110	1-3	Folded	100	CF2WAT0110
125	1-3	Folded	100	CF2WAT0125
150	1-3	Folded	100	CF2WAT0150
185	1-3	Folded	100	CF2WAT0185
240	1-3	Folded	100	CF2WAT0240
270	1-3	Folded	100	CF2WAT0270
320	7-9	Folded	100	CF2WAP0320

QUALITATIVE LOW ASH FILTER PAPERS



Filter papers for qualitative analysis, identifies detained. High cellulose quality and ashes content below 0,07%.

LAF GRADE, 130 g/m², FAST FILTRATION. SCHARLAU

Ø (mm)	TYPICAL RETENTION (µm)	DISC/FOLDED	PACK (U.)	ART. NO.
47	25-30	Disc	100	CFILAF0047
55	25-30	Disc	100	CFILAF0055
70	25-30	Disc	100	CFILAF0070
90	25-30	Disc	100	CFILAF0090
110	25-30	Disc	100	CFILAF0110
125	25-30	Disc	100	CFILAF0125
150	25-30	Disc	100	CFILAF0150
185	25-30	Disc	100	CFILAF0185
240	25-30	Disc	100	CFILAF0240
125	25-30	Folded	100	CF2LAF0125
150	25-30	Folded	100	CF2LAF0150
185	25-30	Folded	100	CF2LAF0185
240	25-30	Folded	100	CF2LAF0240
320	25-30	Folded	100	CF2LAF0320

LAG GRADE, 88 g/m², FAST FILTRATION. SCHARLAU

Ø (mm)	TYPICAL RETENTION (µm)	DISC/FOLDED	PACK (U.)	ART. NO.
47	20-25	Disc	100	CFILAG0047
55	20-25	Disc	100	CFILAG0055
70	20-25	Disc	100	CFILAG0070
90	20-25	Disc	100	CFILAG0090
110	20-25	Disc	100	CFILAG0110
125	20-25	Disc	100	CFILAG0125
150	20-25	Disc	100	CFILAG0150
185	20-25	Disc	100	CFILAG0185
240	20-25	Disc	100	CFILAG0240
320	20-25	Disc	100	CFILAG0320
90	20-25	Folded	100	CF2LAG0090
110	20-25	Folded	100	CF2LAG0110
125	20-25	Folded	100	CF2LAG0125
150	20-25	Folded	100	CF2LAG0150
185	20-25	Folded	100	CF2LAG0185
240	20-25	Folded	100	CF2LAG0240
320	20-25	Folded	100	CF2LAG0320



LAM GRADE, 87 g/m², MEDIUM TO SLOW FILTRATION. SCHARLAU

Ø (mm)	TYPICAL RETENTION (µm)	DISC/FOLDED	PACK (U.)	ART. NO.
47	10-15	Disc	100	CFILAM0047
50	10-15	Disc	100	CFILAM0050
55	10-15	Disc	100	CFILAM0055
70	10-15	Disc	100	CFILAM0070
90	10-15	Disc	100	CFILAM0090
110	10-15	Disc	100	CFILAM0110
125	10-15	Disc	100	CFILAM0125
150	10-15	Disc	100	CFILAM0150
185	10-15	Disc	100	CFILAM0185
240	10-15	Disc	100	CFILAM0240
90	10-15	Folded	100	CF2LAM0090
110	10-15	Folded	100	CF2LAM0110
125	10-15	Folded	100	CF2LAM0125
150	10-15	Folded	100	CF2LAM0150
185	10-15	Folded	100	CF2LAM0185
240	10-15	Folded	100	CF2LAM0240
320	10-15	Folded	100	CF2LAM0320

LAP GRADE, 80 g/m², SLOW FILTRATION. SCHARLAU

Ø (mm)	TYPICAL RETENTION (µm)	DISC/FOLDED	PACK (U.)	ART. NO.
47	2-4	Disc	100	CFILAP0047
50	2-4	Disc	100	CFILAP0050
55	2-4	Disc	100	CFILAP0055
70	2-4	Disc	100	CFILAP0070
90	2-4	Disc	100	CFILAP0090
110	2-4	Disc	100	CFILAP0110
125	2-4	Disc	100	CFILAP0125
150	2-4	Disc	100	CFILAP0150
185	2-4	Disc	100	CFILAP0185
240	2-4	Disc	100	CFILAP0240
320	2-4	Disc	100	CFILAP0320
90	2-4	Folded	100	CF2LAP0090
110	2-4	Folded	100	CF2LAP0110
125	2-4	Folded	100	CF2LAP0125
150	2-4	Folded	100	CF2LAP0150
185	2-4	Folded	100	CF2LAP0185
240	2-4	Folded	100	CF2LAP0240
320	2-4	Folded	100	CF2LAP0320

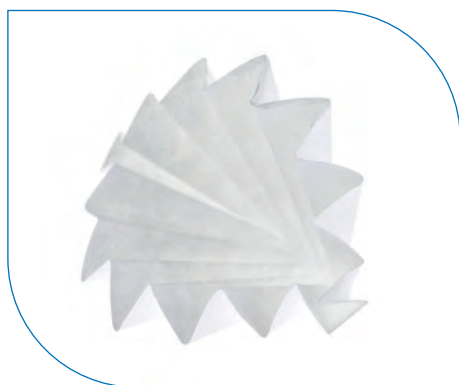
LAS GRADE, 80 g/m², VERY SLOW FILTRATION. SCHARLAU

Ø (mm)	TYPICAL RETENTION (µm)	DISC/FOLDED	PACK (U.)	ART. NO.
47	1-3	Disc	100	CFILAS0047
50	1-3	Disc	100	CFILAS0050
55	1-3	Disc	100	CFILAS0055
70	1-3	Disc	100	CFILAS0070
90	1-3	Disc	100	CFILAS0090
110	1-3	Disc	100	CFILAS0110
125	1-3	Disc	100	CFILAS0125
150	1-3	Disc	100	CFILAS0150
185	1-3	Disc	100	CFILAS0185
240	1-3	Disc	100	CFILAS0240
90	1-3	Folded	100	CF2LAS0090
110	1-3	Folded	100	CF2LAS0110
125	1-3	Folded	100	CF2LAS0125
150	1-3	Folded	100	CF2LAS0150
185	1-3	Folded	100	CF2LAS0185
240	1-3	Folded	100	CF2LAS0240
320	1-3	Folded	100	CF2LAS0320

LAT GRADE, 200 g/m², MEDIUM TO SLOW FILTRATION, THICK. SCHARLAU

Ø (mm)	TYPICAL RETENTION (µm)	DISC/FOLDED	PACK (U.)	ART. NO.
47	5-7	Disc	100	CFILAT0047
50	5-7	Disc	100	CFILAT0050
55	5-7	Disc	100	CFILAT0055
70	5-7	Disc	100	CFILAT0070
90	5-7	Disc	100	CFILAT0090
110	5-7	Disc	100	CFILAT0110
125	5-7	Disc	100	CFILAT0125
150	5-7	Disc	100	CFILAT0150
185	5-7	Disc	100	CFILAT0185
240	5-7	Disc	100	CFILAT0240
320	5-7	Disc	100	CFILAT0320

QUALITATIVE FILTER PAPERS FOR GENERAL USE (TECHNICAL GRADE)



Filter papers for routine analysis. High quality cellulose and ashes content below 0,3%.

STAR GRADE, 160 g/m², EXTRA FAST FILTRATION, FOR GENERAL USE. SCHARLAU

Ø (mm)	TYPICAL RETENTION (µm)	DISC/FOLDED	PACK (U.)	ART. NO.
90	60-68	Disc	100	CFISTAR090
110	60-68	Disc	100	CFISTAR110
125	60-68	Disc	100	CFISTAR125
130	60-68	Disc	100	CFISTAR130
150	60-68	Disc	100	CFISTAR150
185	60-68	Disc	100	CFISTAR185
240	60-68	Disc	100	CFISTAR240
270	60-68	Disc	100	CFISTAR270
320	60-68	Disc	100	CFISTAR320
90	60-68	Folded	100	CF2STAR090
110	60-68	Folded	100	CF2STAR110
125	60-68	Folded	100	CF2STAR125
150	60-68	Folded	100	CF2STAR150
185	60-68	Folded	100	CF2STAR185
240	60-68	Folded	100	CF2STAR240
70	60-68	Folded	100	CF2STAR270
320	60-68	Folded	100	CF2STAR320

STAE GRADE, 80 g/m², EXTRA FAST FILTRATION, FOR GENERAL USE. SCHARLAU

Ø (mm)	TYPICAL RETENTION (µm)	DISC/FOLDED	PACK (U.)	ART. NO.
90	43-48	Disc	100	CFISTAE090
110	43-48	Disc	100	CFISTAE110
125	43-48	Disc	100	CFISTAE125
130	43-48	Disc	100	CFISTAE130
150	43-48	Disc	100	CFISTAE150
200	43-48	Disc	100	CFISTAE200
250	43-48	Disc	100	CFISTAE250
90	43-48	Folded	100	CF2STAE090
110	43-48	Folded	100	CF2STAE110
130	43-48	Folded	100	CF2STAE130
150	43-48	Folded	100	CF2STAE150
185	43-48	Folded	100	CF2STAE185
200	43-48	Folded	100	CF2STAE200
250	43-48	Folded	100	CF2STAE250
300	43-48	Folded	100	CF2STAE300

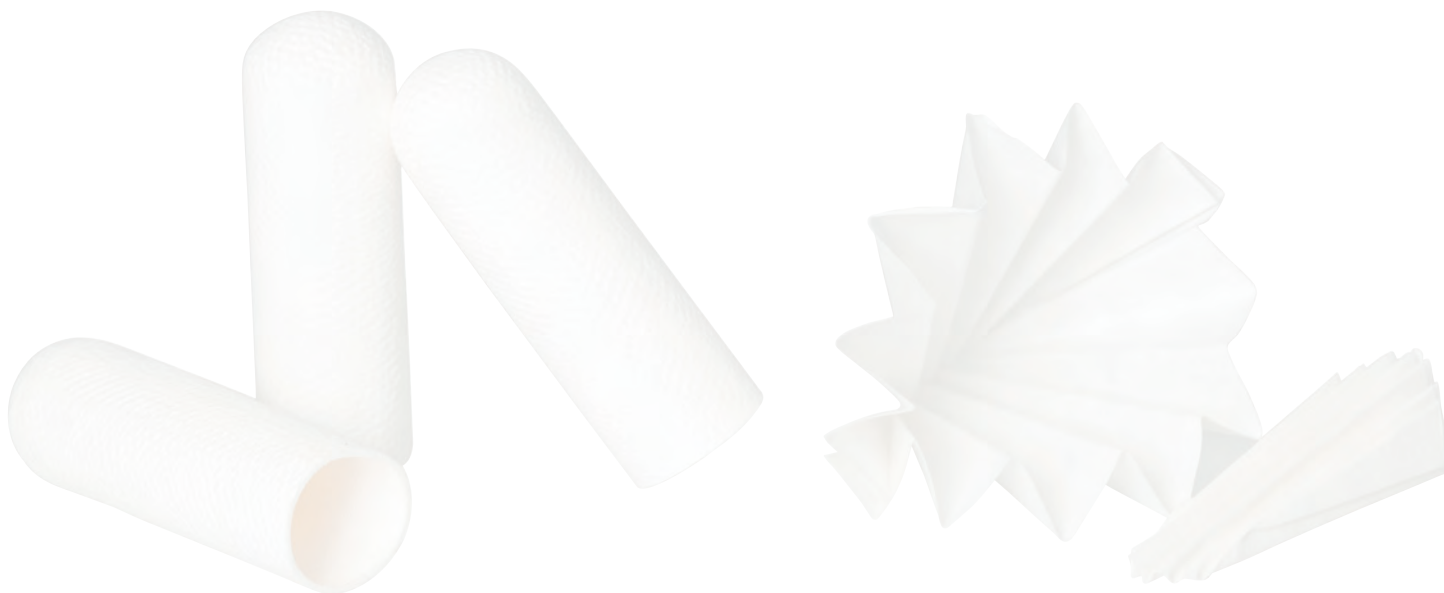
STAM GRADE, 75 g/m², MEDIUM TO FAST FILTRATION, FOR GENERAL USE. SCHARLAU



Ø (mm)	TYPICAL RETENTION (µm)	DISC/FOLDED	PACK (U.)	ART. NO.
90	14-22	Disc	100	CFISTAM090
110	14-22	Disc	100	CFISTAM110
125	14-22	Disc	100	CFISTAM125
130	14-22	Disc	100	CFISTAM130
150	14-22	Disc	100	CFISTAM150
185	14-22	Disc	100	CFISTAM185
240	14-22	Disc	100	CFISTAM240
320	14-22	Disc	100	CFISTAM320
90	14-22	Folded	100	CF2STAM090
110	14-22	Folded	100	CF2STAM110
125	14-22	Folded	100	CF2STAM125
150	14-22	Folded	100	CF2STAM150
185	14-22	Folded	100	CF2STAM185
240	14-22	Folded	100	CF2STAM240
320	14-22	Folded	100	CF2STAM320

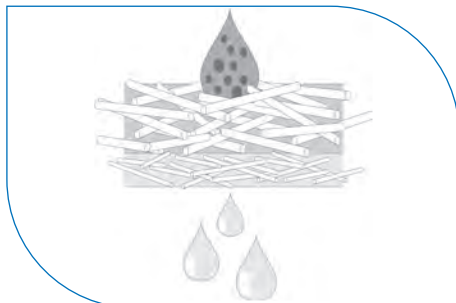
STAF GRADE, 85 g/m², EXTRA FAST FILTRATION, FOR GENERAL USE. CREPED. SCHARLAU

Ø (mm)	TYPICAL RETENTION (µm)	DISC/FOLDED	PACK (U.)	ART. NO.
90	34-42	Disc	100	CFISTAF090
110	34-42	Disc	100	CFISTAF110
125	34-42	Disc	100	CFISTAF125
150	34-42	Disc	100	CFISTAF150
185	34-42	Disc	100	CFISTAF185
240	34-42	Disc	100	CFISTAF240
320	34-42	Disc	100	CFISTAF320
90	34-42	Folded	100	CF2STAF090
110	34-42	Folded	100	CF2STAF110
125	34-42	Folded	100	CF2STAF125
150	34-42	Folded	100	CF2STAF150
185	34-42	Folded	100	CF2STAF185
240	34-42	Folded	100	CF2STAF240
320	34-42	Folded	100	CF2STAF320
125	5-7	Disc	100	CFISTAS125
185	5-7	Disc	100	CFISTAS185
240	5-7	Disc	100	CFISTAS240
320	5-7	Disc	100	CFISTAS320



FILTRATION: GLASS MICROFIBRE AND QUARTZ MICROFIBRE FILTERS

GLASS MICROFIBRE FILTERS



Due to its high retention of very fine particles and high loading capacity, the borosilicate glass microfibre is very resistant to aggressive environments and temperatures up to 500°C.

Commonly used for suspended solids in all types of water and effluent and filtration of particulates in water, algae and bacterial cultures, food and drink analyses.

TYPE GMFA. NO BINDING AGENTS

Ø (mm)	PARTICLE RETENTION IN LIQUID (µm)	WEIGHT (g/m ³)	THICKNESS (mm)	PACK (U.)	ART. NO.
24	1,6	52	0,2	100	GMFA-50024
35	1,6	52	0,2	100	GMFA-50035
47	1,6	52	0,2	100	GMFA-50047
90	1,6	52	0,2	100	GMFA-50090
150	1,6	52	0,2	100	GMFA-50150

TYPE GMFB. NO BINDING AGENTS

Ø (mm)	PARTICLE RETENTION IN LIQUID (µm)	WEIGHT (g/m ³)	THICKNESS (mm)	PACK (U.)	ART. NO.
24	1,0	143	0,7	50	GMFB143024
47	1,0	143	0,7	50	GMFB143047
90	1,0	143	0,7	50	GMFB143090
150	1,0	143	0,7	50	GMFB143150

TYPE GMFC. NO BINDING AGENTS

Ø (mm)	PARTICLE RETENTION IN LIQUID (µm)	WEIGHT (g/m ³)	THICKNESS (mm)	PACK (U.)	ART. NO.
24	1,2	52	0,25	100	GMFC-52024
35	1,2	52	0,25	100	GMFC-52035
47	1,2	52	0,25	100	GMFC-52047
90	1,2	52	0,25	100	GMFC-52090
150	1,2	52	0,25	100	GMFC-52150

TYPE GMFD. NO BINDING AGENTS

Ø (mm)	PARTICLE RETENTION IN LIQUID (µm)	WEIGHT (g/m ³)	THICKNESS (mm)	PACK (U.)	ART. NO.
24	2,7	120	0,53	100	GMFD120024
47	2,7	120	0,53	100	GMFD120047
90	2,7	120	0,53	100	GMFD120090
150	2,7	120	0,53	100	GMFD-12150

TYPE GMFF. NO BINDING AGENTS

Ø (mm)	PARTICLE RETENTION IN LIQUID (µm)	WEIGHT (g/m ³)	THICKNESS (mm)	PACK (U.)	ART. NO.
24	0,7	75	0,45	100	GMFF-75024
37	0,7	75	0,45	100	GMFF-75037
47	0,7	75	0,45	100	GMFF-75047
90	0,7	75	0,45	100	GMFF-75090

TYPE GMFG. NO BINDING AGENTS

Ø (mm)	PARTICLE RETENTION IN LIQUID (µm)	WEIGHT (g/m ³)	THICKNESS (mm)	PACK (U.)	ART. NO.
37	1,5	65	0,28	100	GMFG-65037
47	1,5	65	0,28	100	GMFG-65047

QUARTZ MICROFIBRE FILTERS

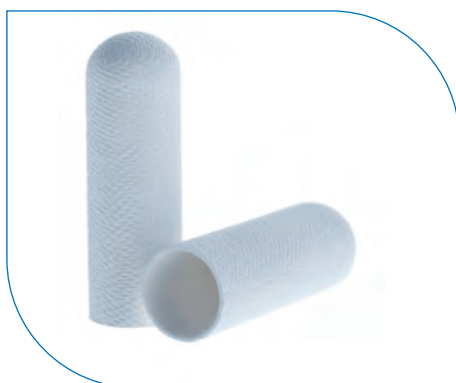


MFQ quartz microfibre disc, resistant up to 900°C, $\approx 85 \text{ g/m}^2$. Suitable for air sampler PM10. 99,95% efficiency in retaining particles 1 to 3 microns. Trace elements analysis available.

\varnothing (mm)	PARTICLE RETENTION IN LIQUID (μm)	PACK (U.)	ART. NO.
37	$\approx 1,5$	50	MFQ-85T037
47	$\approx 1,5$	50	MFQ-85T047
90	$\approx 1,5$	50	MFQ-85T090
150	$\approx 1,5$	50	MFQ-85T150

FILTRATION: SOXHLET CELLULOSE EXTRACTION THIMBLES

CELLULOSE EXTRACTION THIMBLES



The extraction thimbles are made of high-purity alpha cellulose liners. Usually used with the Soxhlet extraction technique, for extractions of lipid compounds, from solid and semi-solid samples by means of solvents. Diameter tolerance $\pm 3 \text{ mm}$, and $\pm 10 \text{ mm}$ height tolerance. Wall thickness of 1,5 mm and ashes content less than 0,2%. The thimble range is completed with models fitted to automated Soxhlet extractor manufacturers.

STANDARD CELLULOSE THIMBLES

DIM. INNER \varnothing x LENGTH (mm)	PARTICLE RETENTION IN LIQUID (μm)	PACK (U.)	ART. NO.
10x50	Nom. 8-15	25	CT32510X50
19x90	Nom. 8-15	25	CT32519x90
20x80	Nom. 8-15	25	CT32520X80
22x100	Nom. 8-15	25	CT32522100
25x60	Nom. 8-15	25	CT32525X60
25x80	Nom. 8-15	25	CT32525X80
26x100	Nom. 8-15	25	CT32526100
26x60	Nom. 8-15	25	CT32526X60
28x100	Nom. 8-15	25	CT32528100
28x120	Nom. 8-15	25	CT32528120
30x100	Nom. 8-15	25	CT32530100
30x80	Nom. 8-15	25	CT32530X80
30x95	Nom. 8-15	25	CT32530X95
33x100	Nom. 8-15	25	CT32533100
33x118	Nom. 8-15	25	CT32533118
35x120	Nom. 8-15	25	CT32535120
35x150	Nom. 8-15	25	CT32535150
40x150	Nom. 8-15	25	CT32540150
48x145	Nom. 8-15	25	CT32548145

See **Soxhlet extractors** in **GLASSWARE**.



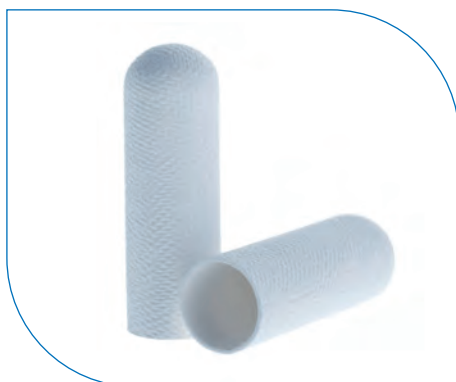
GLASS EXTRACTION THIMBLES



Thimbles made of 100% borosilicate glass microfibre, chemically resistant to most solvents and reagents. Resistant to high temperatures (500°C). Suitable when the solvents present are incompatible with cellulose cartridges. Used for the analysis of dust particles and aerosols in gas streams.

DIM. INNER ØxLENGTH (mm)	PARTICLE RETENTION IN LIQUID (µm)	PACK (U.)	ART. NO.
10x50	Nom. 0,5	25	MGT3210X50
16x50	Nom. 0,5	25	MGT3216X50
22x80	Nom. 0,5	25	MGT3222X80
25x100	Nom. 0,5	25	MGT3225100
25x60	Nom. 0,5	25	MGT3225X60
26x60	Nom. 0,5	25	MGT3226X60
28x100	Nom. 0,5	25	MGT3228100
28x60	Nom. 0,5	25	MGT3228X60
30x70	Nom. 0,5	25	MGT3230X70
30x77	Nom. 0,5	25	MGT3230X77
30x100	Nom. 0,5	25	MGT3230100
33x94	Nom. 0,5	25	MGT3233X94
35x150	Nom. 0,5	25	MGT3235150
40x150	Nom. 0,5	25	MGT3240150
43x123	Nom. 0,5	25	MGT3243123
53x145	Nom. 0,5	25	MGT3253145

QUARTZ MICROFIBRE EXTRACTION THIMBLES

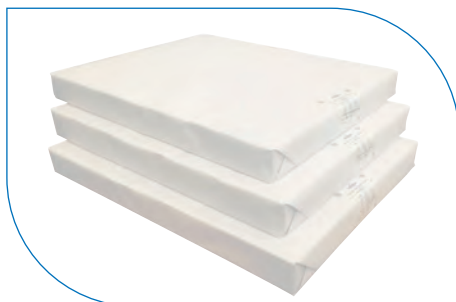


Thimbles made from extremely pure quartz microfibre, without binding agents and with a very low content of heavy metals. Resists temperatures up to 900°C. These cartridges are used for emission tests in environments with high temperatures and for the analysis of acid gases.

DIM. INNER Ø x LENGTH (mm)	PARTICLE RETENTION IN LIQUID (µm)	PACK (U.)	ART. NO.
16x50	Nom. 0,5	25	TMQ3216X50
22x80	Nom. 0,5	25	TMQ3222X80
25x60	Nom. 0,5	25	TMQ3225X60
26x60	Nom. 0,5	25	TMQ3226X60
28x100	Nom. 0,5	25	TMQ3228100
28x60	Nom. 0,5	25	TMQ3228X60
30x70	Nom. 0,5	25	TMQ3230X70
30x77	Nom. 0,5	25	TMQ3230X77
30x100	Nom. 0,5	25	TMQ3230100
33x94	Nom. 0,5	25	TMQ3233X94
35x150	Nom. 0,5	25	TMQ3235150
40x150	Nom. 0,5	25	TMQ3240150
43x123	Nom. 0,5	25	TMQ3243123
53x145	Nom. 0,5	25	TMQ3253145

FILTRATION: REAMS

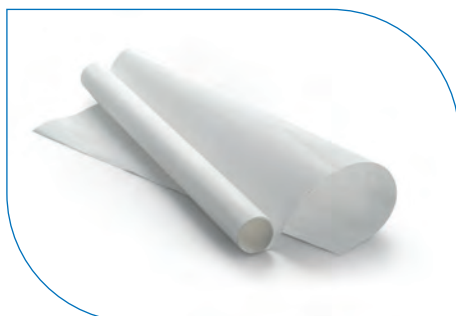
ABSORBENT AND PROTECTIVE PAPER (REAMS)



Sheets for the protection of work surfaces that help to absorb possible splashes and to mitigate the effects of liquid spills.

DIM. H x W (mm)	WEIGHT (g/m²)	PACK (U.)	ART. NO.
420x520	60	500	RM42520060
420x520	75	500	RM42520075

ABSORBENT AND PROTECTIVE PAPER WITH PE



Absorbent and protective reams formed by two sheets. On the one hand, a sheet of absorbent paper for the containment of spills and splashes. On the other, a PE film that guarantees total permeability.

DIM. WxH (mm)	WEIGHT (g/m ²)	PACK (U.)	ART. NO.
420x520	125	100	RMPE125100
420x520	125	500	RMPE125500
420x520	210	100	RMPE210100
420x520	210	500	RMPE210500

FILTRATION: MEMBRANES

MEMBRANES FOR THE MOBILE PHASE FILTRATION



Scharlau's filtration line is expanded with newly added filtration membranes for mobile phase filtration. Nylon membranes and Nitrocellulose Mixed Ester membranes of the highest quality are available.

We recommend using **nylon membranes as the standard material for filtering eluents due to its chemical compatibility**. As nylon is hydrophilic in nature, these membranes are appropriate for filtering aqueous solutions and for most of the organic solvents used in HPLC. A nylon membrane has a uniform pore size, consistent flows and a very low level of extractables. It can be exposed to up to 180°C without damage and has a pH range from 3 to 12.

Mixed ester membranes are composed of a **mixture of inert cellulose nitrate and cellulose acetate polymers**. The uniform microporous structure of these filters provides the fastest flow rates and highest throughputs available in a membrane filter. Their hydrophilic nature makes them ideal for **filtering aqueous solutions, including buffers**. These filters are autoclavable at 121°C (250°F) for 20 minutes. The pH range is from 4 to 10.

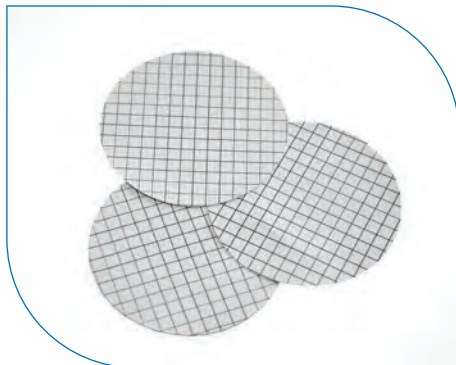
NYLON

MATERIAL	Ø (mm)	PORUS SIZE (µm)	STERILE	GRID	COLOUR	PACK (U.)	ART. NO.
Nylon	47	0,22	No	No	White	100	NY47020100
Nylon	47	0,45	No	No	White	100	NY47045100
Nylon	47	0,22	No	No	White	100	NYL4720100
Nylon	47	0,45	No	No	White	100	NYL4745100

MIXED ESTER

MATERIAL	Ø (mm)	PORUS SIZE (µm)	STERILE	GRID	COLOUR	PACK (U.)	ART. NO.
EMC	47	0,22	No	No	White	100	EM47020100
EMC	47	0,45	No	No	White	100	EM47045100
EMC	47	0,22	No	No	White	100	EMC4720100
EMC	47	0,45	No	No	White	100	EMC4745100

FILTRATION MEMBRANES FOR MICROBIOLOGY



Filtration membranes especially used in the microbiological analysis of water samples. NC membranes comply with ISO 7704. PC and PES membranes are especially used in *Legionella* analysis according to ISO 11731.

MATERIAL	Ø (mm)	PORE (µm)	STERILE	COLOUR	GRID	PACK (U.)	ART. NO.
CN	47	0,2	Yes	White	Black	100	ES47020100
CN	47	0,2	Yes	Black	White	100	ES4702010N
CN	47	0,45	Yes	White	Black	100	ES47045100
PCTE	47	0,2	Yes	White	-	100	PC47020100
PES	47	0,2	No	White	-	100	PES4702000
PES	47	0,2	Yes	White	-	100	PES4702001

FILTRATION: SYRINGE FILTERS

SYRINGE FILTERS



Scharlau syringe filters are used mainly for filtering small aqueous and organic samples prior to chromatography injection. The filtered samples ensure column protection. The filter housing is made of pure PP. The result is a high-quality syringe filter fulfilling the needs of the most demanding chromatographers.

Nylon: nylon syringe filters have become the "standard" material due to their wide chemical compatibility and their hydrophobic nature. They can be used for filtering aqueous samples and most solvents.

Nylon Premium filters are subjected to a double quality control for the most demanding applications.

Regenerated cellulose: the regenerated syringe filters have a lower protein retention than those made of nylon and are less extractable than PVDF. Ideal for aqueous solutions.

PTFE: syringe filters made of PTFE and have the lowest extractables levels and the widest chemical compatibility. They are especially suitable for filtering solvents due to their hydrophobic nature. Designed for filtering the most aggressive solvents, and strongest acids and bases. Also available in hydrophilic version.

Mixed cellulose esters: Filters composed of cellulose acetate and cellulose nitrate. Because it is biologically inert, it is one of the most widely used membranes in analytical and research applications.

PVDF: polyvinylidene fluoride syringe filters are indicated for the filtration of protein samples due to their very low retention.

PP: filters of hydrophobic PP (polypropylene), great resistance to solvents, very low protein binding and good thermal compatibility. They are used for general filtration of biological samples, solvents, deionised water. Commonly used for UHPLC.

PES: The new sterile syringe filters Scharlab PES (polyethersulfone) of 25 mm diameter, 0.22 µm and 0,45 µm pore size. These filters are commonly used in molecular biology, filtration of culture media since they have a very low protein binding, high performance and low extractables level, providing maximum recovery.



NYLON PREMIUM

FILTER	Ø (mm)	PORE SIZE (µm)	STERILE	PACK (U.)	ART. NO.
Nylon	13	0,22	No	500	NY13020500
Nylon	13	0,45	No	200	NY13045200
Nylon	13	0,22	No	1000	NY13021000
Nylon	13	0,45	No	1000	NY13041000
Nylon	25	0,22	No	200	NY25020200
Nylon	25	0,22	No	1000	NY25021000
Nylon	25	0,45	No	200	NY25045200
Nylon	25	0,45	No	1000	NY25041000
Nylon with GF prefilter	25	0,45	No	200	NYP2545200
Nylon with GF prefilter	30	0,45	No	200	NYP3045200

NYLON

FILTER	Ø (mm)	PORE SIZE (µm)	STERILE	PACK (U.)	ART. NO.
Nylon	13	0,22	No	200	NYL1320200
Nylon	13	0,22	No	1000	NYL1321000
Nylon	13	0,45	No	200	NYL1345200
Nylon	13	0,45	No	1000	NYL1341000
Nylon	25	0,22	No	200	NYL2520200
Nylon	25	0,22	No	1000	NYL2521000
Nylon	25	0,45	No	200	NYL2545200
Nylon	25	0,45	No	1000	NYL2541000

REGENERATED CELLULOSE

FILTER	Ø (mm)	PORE SIZE (µm)	STERILE	PACK (U.)	ART. NO.
CR	13	0,22	No	1000	CR13021000
CR	13	0,45	No	1000	CR13041000
CR	25	0,22	No	200	CR25020200
CR	25	0,22	No	1000	CR25021000
CR	25	0,45	No	200	CR25045200
CR	25	0,45	No	1000	CR25041000

PTFE

FILTER	Ø (mm)	PORE SIZE (µm)	STERILE	PACK (U.)	ART. NO.
PTFE	13	0,22	No	200	PTF1320200
PTFE	13	0,22	No	1000	PTF1321000
PTFE	13	0,45	No	200	PTF1345200
PTFE	13	0,45	No	1000	PTF1341000
PTFE	25	0,22	No	200	PTF2520200
PTFE	25	0,22	No	1000	PTF2521000
PTFE	25	0,45	No	200	PTF2545200
PTFE	25	0,45	No	1000	PTF2541000

HYDROPHILIC PTFE

FILTER	Ø (mm)	PORE SIZE (µm)	STERILE	PACK (U.)	ART. NO.
Hydrophilic PTFE	13	0,2	No	200	PTH1320200
Hydrophilic PTFE	13	0,4	No	200	PTH1345200
Hydrophilic PTFE	25	0,2	No	200	PTH2520200
Hydrophilic PTFE	25	0,4	No	200	PTH2545200

MIXED CELLULOSE ESTERS

FILTER	Ø (mm)	PORE SIZE (µm)	STERILE	PACK (U.)	ART. NO.
MCE	13	0,22	No	200	MCE1320200
MCE	13	0,45	No	200	MCE1345200
MCE	25	0,22	No	200	MCE2520200
MCE	25	0,45	No	200	MCE2545200

PVDF

FILTER	Ø (mm)	PORE SIZE (µm)	STERILE	PACK (U.)	ART. NO.
PVDF	13	0,22	No	200	PVD1320200
PVDF	13	0,22	No	1000	PVD1321000
PVDF	13	0,45	No	200	PVD1345200
PVDF	13	0,45	No	1000	PVD1341000
PVDF	17	0,45	No	200	PV17045200
PVDF	25	0,22	No	200	PVD2520200
PVDF	25	0,22	No	1000	PVD2521000
PVDF with GF prefilter	25	0,22	No	200	PVP2520200
PVDF	25	0,45	No	200	PVD2545200
PVDF with GF prefilter	25	0,45	No	200	PVP2545200
PVDF	30	0,22	No	200	PV30020200
PVDF	30	0,45	No	200	PV30045200
PVDF	30	0,45	No	1000	PV30041000

POLYPROPYLENE

FILTER	Ø (mm)	PORE SIZE (µm)	STERILE	PACK (U.)	ART. NO.
Polypropylene	13	0,22	No	200	PPL1320200
Polypropylene	13	0,22	No	1000	PPL1321000
Polypropylene	13	0,45	No	200	PPL1345200
Polypropylene	13	0,45	No	1000	PPL1341000
Polypropylene	25	0,22	No	200	PPL2520200
Polypropylene	25	0,22	No	1000	PPL2521000
Polypropylene	25	0,45	No	200	PPL2545200
Polypropylene	25	0,45	No	1000	PPL2541000

HYDROPHILIC POLYPROPYLENE

FILTER	Ø (mm)	PORE SIZE (µm)	STERILE	PACK (U.)	ART. NO.
Hydrophilic Polypropylene	13	0,22	No	200	PPH1320200
Hydrophilic Polypropylene	13	0,45	No	200	PPH1345200
Hydrophilic Polypropylene	25	0,22	No	200	PPH2520200
Hydrophilic Polypropylene	25	0,45	No	200	PPH2545200

PES

FILTER	Ø (mm)	PORE SIZE (µm)	STERILE	PACK (U.)	ART. NO.
PES	13	0,22	No	200	PES1320200
PES	13	0,45	No	200	PES1345200
PES	25	0,22	No	200	PES2520200
PES	25	0,45	No	200	PES2545200
PES	25	0,22	Yes	50	PES252250S
PES	25	0,45	Yes	50	PES254550S

CELLULOSE ACETATE

FILTER	Ø (mm)	PORE SIZE (µm)	STERILE	PACK (U.)	ART. NO.
CA	13	0,22	No	200	CEA1320200
CA	13	0,45	No	200	CEA1345200
CA	25	0,22	No	200	CEA2520200
CA with GF prefilter	25	0,22	No	200	CEP2520200
CA	25	0,45	No	200	CEA2545200
CA with GF prefilter	25	0,45	No	200	CEP2545200

INDICATOR PAPERS

INDICATOR PAPERS

pH INDICATOR PAPER ON A ROLL



The pH indicator paper is an easy and quick method for measuring pH values in a solution. The pH is determined by a single colour change which can be matched with the colour scale at intervals of 1 pH.

DESCRIPTION	PACK (U.)	ART. NO.
pH indicator paper 1-14. Rolls of 5m x 7mm	1 roll	TP0114000R
pH indicator paper 1-11. Rolls of 5m x 7mm	1 roll	TP0111000R

pH INDICATOR STRIPS



Anti-drip strips produce an extremely clear colour change that is durable and readable until the strips dry out. Non bleeding.

DESCRIPTION	PACK (U.)	ART. NO.
pH indicator strips 4-10. Readable at intervals of 0,5 pH. 100 strips per pack	1	TP0410000S
pH indicator strips 7-14. Readable at intervals of 0,5 pH. 100 strips per pack	1	TP7514000S
pH indicator strips 0-6. Readable at intervals of 0,5 pH. 100 strips per pack	1	TP0060000S
pH indicator strips 2-9. Readable at intervals of 0,5 pH. 100 strips per pack	1	TP0209000S
pH indicator strips 0-14, 4 pads in intervals of 1 pH unit. 100 strips per pack	1	TP0014004S

SEMI-QUANTITATIVE TEST STRIPS



Scharlab's semi-quantitative test strips enable an easy and quick determination of different parameters in a solution.

DESCRIPTION	MEASUREMENT INTERVALS	PACK (U.)	ART. NO.
Nitrite indicator strips. 100 strips per package	0-0,5-1-5-10-25 ppm	1	TP002500NI
Nitrite indicator strips. 100 strips per package	0-10-25-50-100-250-500 ppm	1	TP050000NA
Peracetic acid indicator strips. 100 strips per package	0-5-10-20-30-50 ppm	1	TP005000PA
Peracetic acid indicator strips. 100 strips per package	0-100-250-500 ppm	1	TP050000PA
Peroxide indicator strips. 100 strips per package	0-1-3-10-30-100 ppm	1	TP010000PX
Peroxide indicator strips. 100 strips per package	0-100-200-400 ppm	1	TP040000PX

PIPETTES

PIPETTES: PASTEUR PIPETTES

GRADUATED PLASTIC PASTEUR PIPETTES



PE Pasteur pipettes. Ideal for transferring and dispensing any type of liquid. Two capacities, 5 and 7 ml graduated to 1 and 3 ml respectively.

CAPACITY (ml)	GRADUATION (ml)	LENGTH (mm)	STERILE	PACK (U.)	ART. NO.
5	1	150	No	500	PPP0110000
7	3	150	No	500	PPP0120000

PIPETTES: TIPS FOR AUTOMATIC PIPETTE FILLER

UNIVERSAL TIPS FOR AUTOMATIC PIPETTES

0,2-10 μ l



New range of Scharlau Polypropylene tips. Compatible with most brands of automatic pipettes (Sartorius, Brand, Eppendorf, Finnpiquette, Gilson, Socorex, etc.). Available in bags, autoclavable racks, radiation sterilised racks and individually packed sterile tips.

VOL. (μ l)	TYPE	COLOUR	PRESENTATION	PACK (U.)	ART. NO.
0,2-10	Universal	Natural	Bag	1000	000P0210-1
0,2-10	Universal	Natural	Rack	10x96	000P0210-2

0,5-20 µl



VOL. (µl)	TYPE	COLOUR	PRESENTATION	PACK (U.)	ART. NO.
0,5-20	Universal	Natural	Rack	10x96	000P520-2

5-200 µl



VOL. (µl)	TYPE	COLOUR	PRESENTATION	PACK (U.)	ART. NO.
5-200	Universal	Yellow	Bag	1000	000P5202-1
5-200	Universal	Yellow	Rack	10x96	000P5200-2

5-200 µl



VOL. (µl)	TYPE	COLOUR	PRESENTATION	PACK (U.)	ART. NO.
5-200	Eppendorf	Yellow	Bag	1000	00PC5200-1
5-200	Eppendorf	Yellow	Rack	10x96	00PC5200-2

5-300 µl



VOL. (µl)	TYPE	COLOUR	PRESENTATION	PACK (U.)	ART. NO.
5-300	Universal	Natural	Bag	1000	000P5300-1
5-300	Universal	Natural	Rack	10x96	000P5300-2

100-1000 µl



VOL. (µl)	TYPE	COLOUR	PRESENTATION	PACK (U.)	ART. NO.
100-1000	Universal	Blue	Bag	1000	000P1000-1
100-1000	Universal	Blue	Rack	10x96	000P1000-2

100-1000 µl



VOL. (µl)	TYPE	COLOUR	PRESENTATION	PACK (U.)	ART. NO.
100-1000	Eppendorf	Blue	Bag	1000	00PC1000-1
100-1000	Eppendorf	Blue	Rack	8x60	00PC1000-2

1000-5000 µl



VOL. (µl)	TYPE	COLOUR	PRESENTATION	PACK (U.)	ART. NO.
1000-5000	Universal	Natural	Bag	250	000P5000-1
1000-5000	Universal	Natural	Rack	4x50	000P5000-2

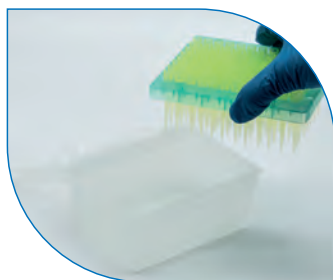
TIPS IN RECHARGEABLE RACKS

Rechargeable system racks. They consist of empty racks and racks with charging points for recharging themselves. This saves time in the laboratory by not having to put the ends of the bag onto the rack. Racks are available both adapted to the system as the same charges. In the first purchase, both empty racks and racks with charging points must be purchased. Tips available in two volumes.

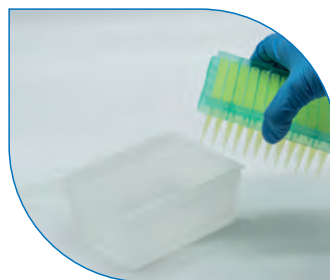
EMPTY RACKS

DESCRIPTION (μl)	PACK (U.)	ART. NO.
Empty racks for 200 μl tip refills	10	RC000P5200
Empty racks for 1000 μl tip refills	10	RC000P1000

CHARGING TIPS RACKS



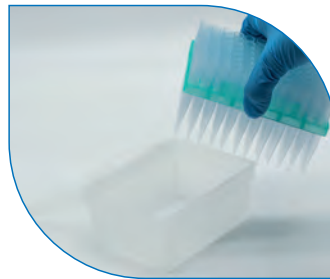
RR000P5200



RR00PC5200



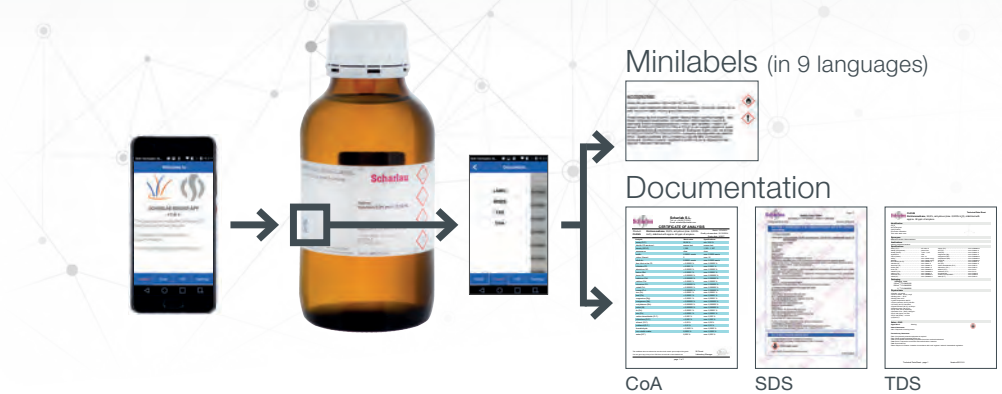
RR000P1000



RR00PC1000

DESCRIPTION	VOLUME (μl)	PACK (U.)	ART. NO.
Recharging tips	200	5x96	RR000P5200
Recharging tips with capillary	200	5x96	RR00PC5200
Recharging tips	1000	5x96	RR000P1000
Recharging tips with capillary	1000	5x96	RR00PC1000

**SCHARLAB
READER APP QR**

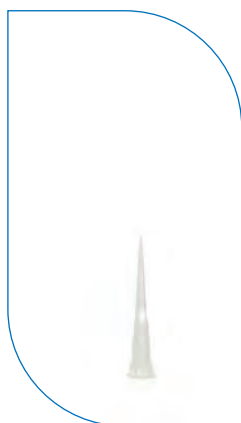


FILTER TIPS

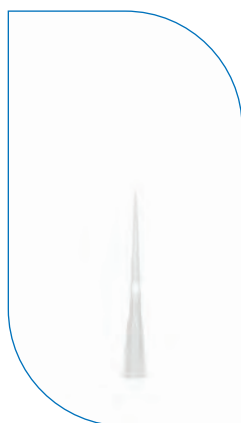
The table below shows the Scharlab filter tips compatibilities with main pipette brands*.

MODEL	TRADEMARK	10 µl	10 µl XL	20 µl	100 µl	200 µl	1000 µl
Transferpette®	Brand	•	•			•	•
CAPP Bravo	CAPP	•	•	•	•	•	•
CAPP Aero		•	•	•	•	•	•
Research® Plus	Eppendorf	•	•	•	•	•	•
Finnpipette Digital	Finnpipette	•	•		•	•	•
Pipetman Classic™	Gilson	•	•	•	•	•	•
Rainin Classic	Rainin	•	•		•	•	•
Proline® Plus	Sartorius	•	•		•	•	•
mLine		•	•		•	•	•
Automatic pipettes	VWR	•	•		•	•	•
	Labnet	•	•		•	•	•
	HTL	•	•		•	•	•

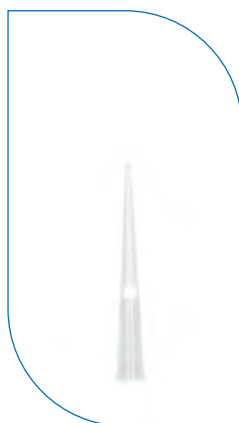
*The compatibilities are just a suggestion by the supplier.



00PF0110-2



000PF120-2



00PF1100-2



00PF1200-2



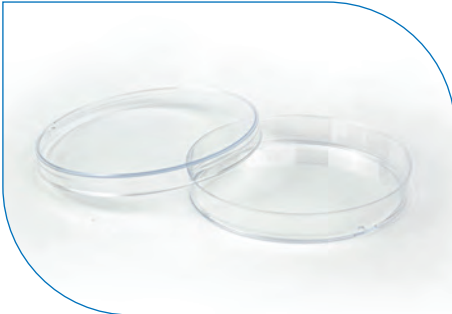
PF10010002

VOL. (µl)	PRESENTATION	COLOUR	PACK (U.)	ART. NO.
0,1-10	Bag	Natural	1000	00PF0110-1
0,1-10	Rack	Natural	10x96	00PF0110-2
0,1-10 XL type	Bag	Natural	1000	PFXL0110-1
0,1-10 XL type	Rack	Natural	10x96	PFXL0110-2
1-20	Bag	Natural	1000	000PF120-1
1-20	Rack	Natural	10x96	000PF120-2
1-100	Bag	Natural	1000	00PF1100-1
1-100	Rack	Natural	10x96	00PF1100-2
1-200	Bag	Natural	1000	00PF1200-1
1-200	Rack	Natural	10x96	00PF1200-2
100-1000	Bag	Natural	1000	PF10010001
100-1000	Rack	Natural	8x96	PF001000-2

PLATES

PLATES: PETRI DISHES AND ACCESSORIES

PETRI DISHES



Scharlau Petri dishes are manufactured in high transparency PS following a fully automated process with strict quality controls, giving them the strength and transparency ideal for microbiological applications. Their great mechanical resistance makes them non-deformable. The dishes with winds facilitate the circulation of the air and avoid possible condensation. Aseptically produced in "Cleanroom ISO 6" rooms, a level of sterility is guaranteed. In addition, dishes are sterilised by radiation. They have a ring to facilitate and improve stability once stacked.

DESCRIPTION	Ø (mm)	HEIGHT (mm)	AMOUNT/BAG	PACK (U.)	ART. NO.
Aseptic ISO 6, 3 vents	90	14,2	20	480	PPD-90143A
Sterile, 3 vents	90	14,2	20	480	PPD-90143E

STERILE DISPOSABLE INOCULATING LOOPS

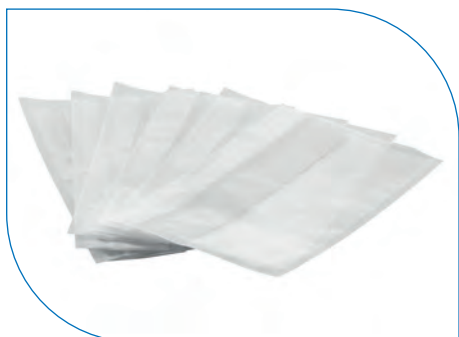


Inoculation loops sterilised by radiation, manufactured in PS of 1 and 10 µl. Bags in peel-packs of 20 units with lot number and expiry date printed. Delivered with certified calibration and sterilisation.

VOLUME (µl)	COLOUR	PRESENTATION	PACK (U.)	ART. NO.
1	Green	Bags 20 u.	1000	PIL0030120
10	Blue	Bags 20 u.	1000	PIL0041020

STERILE BAGS FOR HOMOGENISATION

Scharlau sterile bags for homogenisation processes and analysis of solid samples. Notably resistant to the stress processes they are subjected to in the homogenisers. Compatible with any homogeniser. Three models available. Bags without filter, bags with lateral filter for the separation of fibrous samples and bags with total filter for pasty samples. The filters allow filtration of the sample during the homogenisation process and separate the bag into two spaces: one to introduce the sample and another to facilitate sampling with the pipette.



DESCRIPTION	CAP. (ml)	USABLE VOLUME (ml)	PORUS SIZE	DIM. W x H (mm)	PACK (U.)	ART. NO.
Without filter	400	50-300	-	175-300	500 (20x25)	BAG0400-01
With lateral filter	400	50-300	<250	190-300	500 (20x25)	BAG0400-02
With total filter	400	50-300	280	190-300	500 (20x25)	BAG0400-03



NEW CATALOGUE

Chemicals and Reagents

Chemicals,
Organic Standards,
Chromatography,
Glassware
and Consumables



SAFETY

SAFETY: ABSORBENTS FOR LABORATORY

CHEMISPILL® , ABSORBENTS AGAINST UNEXPECTED SPILLAGES



The new Chemispill® range, products with a high neutralisation capacity and high absorption power, allows the collection of laboratory spillages with total safety and reliability. This family of products consists of 3 complementary materials for the absorption and/or neutralisation of unforeseen spills:

Chemispill® Sorb: General absorbent of very low density with high absorption power. Capable of effectively absorbing organic, aqueous, oily spills, etc., without leaving residual marks or generating dusty residues.

Chemispill® H+: Absorbent material with a high neutralisation capacity. Efficiently neutralises any acid spill. Contains pH indicator, without phenolphthalein.

Chemispill® OH-: Absorbent product with a high neutralisation capacity. Efficiently neutralises any alkaline discharge. Contains pH indicator, without phenolphthalein.

Spills Kit Chemispill®: Complete safety Kit for laboratory discharges. It is delivered in a comfortable and smart briefcase, easy to use and transport. Contains: 1 bottle of each Chemispill® absorbent, Scharlau nitrile gloves, laboratory glasses, waste collection bags, scraper, brush and dustpan, and instructions for use.

Chemispill® safety shelf: Wall shelf to hang the entire Chemispill® range of products on the laboratory wall.

DESCRIPTION	PACK	ART. NO.
Chemispill® H+, absorbent and neutraliser for spilled acids, with indicator	2 Kg	AB00012000
Chemispill® H+, absorbent and neutraliser for spilled acids, with indicator	5 Kg	AB0001005P
Chemispill® Sorb, absorbent for spilled liquids	400 g	AB00020400
Chemispill® Sorb, absorbent for spilled liquids	1 Kg	AB00021000
Chemispill® Sorb, absorbent for spilled liquids	4 Kg	AB00024000
Chemispill® OH-, absorbent and neutraliser for spilled alkalis, with indicator	2 Kg	AB00032000
Chemispill® OH-, absorbent and neutraliser for spilled alkalis, with indicator	5 Kg	AB0003005P
Spills Kit Chemispill®	1 u.	AB0004-KIT
Chemispill® safety shelf	1 u.	AB0005ESTA

SAFETY: GLOVES

DISPOSABLE, POWDER-FREE, BLUE NITRILE GLOVES FOR EXAMINATION



ISO 374-1:2016 / Type B

ISO 374-5:2016



JKT



VIRUS



Category III PPE gloves (European Directive 89/686/EEC, for Personal Protection Equipment), for the protection of user's hands against chemical, microbiological and virus risks. Class I examination gloves (European Directive 93/42/EEC, which governs Sanitary Products). Comply with EN 420:2003 + A1:2009 + ERRATUM: 2011 (general glove requirements), ISO 374-1:2016 (protection against dangerous chemicals), ISO 374-5: 2016 (protection against micro-organisms) and EN 455 1-2-3 (medical disposable gloves).

Ambidextrous.

Rolled/beaded cuff prevents glove rolldown/rollback and provides drip protection for the forearm.

Superior tactile sensitivity and dexterity.

External micro-textured fingertips provide a secure grip under dry and wet conditions.

Smooth, chlorinated inner surface for easy donning/removal.

Latex-free, eliminate the risk of latex allergy.

Free of certain additives: reduces the risk of allergies caused by accelerators and coagulants used in some manufacturing processes.

Powder-free, minimizing the risk of irritation.

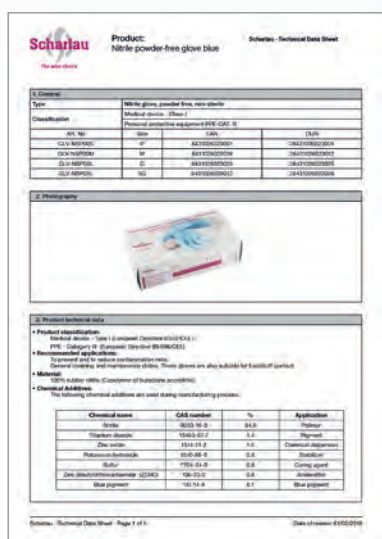
AQL 1.5.

Suitable for contact with foodstuffs.

Thickness: 0,09 mm (palm), 0,12 mm (fingertips).

SIZE	LENGTH (mm)	THICKNESS FINGERTIPS/PALM (mm)	PACK (U.)	ART. NO.
S	240	0,12/0,09	100	GLV-NSP00S
M	240	0,12/0,09	100	GLV-NSP00M
L	240	0,12/0,09	100	GLV-NSP00L
XL	240	0,12/0,09	100	GLV-NSP00XL
S	240	0,12/0,09	10x100	GLVBNSP00S
M	240	0,12/0,09	10x100	GLVBNSP00M
L	240	0,12/0,09	10x100	GLVBNSP00L
XL	240	0,12/0,09	10x100	GLVBNSP00XL

TECHNICAL DATA SHEET IN OUR WEBSITE



Download here the TDS



TIMERS

TIMERS

DIGITAL TIMER (ALARM CLOCK)

Three independent functions. Voice notification, can be activated or deactivated. Automatic repetition. 8 alarm sounds. Memory. 24-hour chronometer and countdown.



DESCRIPTION	PACK (U.)	ART. NO.
Digital timer (alarm clock)	1	502EL8845S

TUBES

TUBES: TUBES FOR CENTRIFUGE

CONICAL TUBES 15 ml POLYPROPYLENE



PP centrifuge tubes conical bottom. Leakproof closure. Easy-to-read graduation. CE marking. Cap also made of PP. commonly used in centrifugation, sample storage and molecular biology among other applications.

DESCRIPTION	EXT. Ø x H (mm)	CENTRIF. RESIST (g)	STERILE	PACK (U.)	ART. NO.
15 ml tube	21x120	-	No	1700	PCT0151700
15 ml tube	21x120	-	Yes	500	PCT0151001

CONICAL TUBES 50 ml POLYPROPYLENE



PP centrifuge tubes with conical bottom without flap. Leakproof closure. Easy-to-read graduations. Commonly used in centrifugation, sample storage and molecular biology among other applications. The tubes have space for writing.

DESCRIPTION	EXT. Ø x H (mm)	CENTRIF. RESIST (g)	STERILE	PACK (U.)	ART. NO.
50 ml tube	28x118	12000	No	500	PCT0501000
50 ml tube	28x118	12000	Yes	1x500	PCT0501002
50 ml tube self-standing	28x118	12000	No	500	PCT0502000
50 ml tube self-standing	28x118	12000	Yes	1x500	PCT0502002

CROSS REFERENCES: BBL – SCHARLAU (ALPHABETICAL)

ART. NO. BBL	DESCRIPTION BBL	ART. NO. SCHARLAU	DESCRIPTION SCHARLAU	PAGE
212304	Agar Grade A	07-004	Agar Bacteriological	146
210912	AK Agar # 2	01-069	Sporulating Agar	107
210986	Antibiotic Medium 13	02-165	Sabouraud Broth (Eur. Pharm.)	101
212303	Beef Extract Powder	07-515	Beef Extract	146
211027	Biggy Agar	01-137	Nickerson Agar	88
299068	Bile Esculin Agar	01-265	Bile Esculin Modified Agar	44
211037	Blood Agar Base (Infusion Agar)	01-352	Blood Agar Base	44
211065	Brain Heart Infusion Agar	01-599	Brain Heart Infusion Agar (BHI Agar)	46
211059	Brain Heart Infusion Broth	02-599	Brain Heart Infusion Broth (BHI Broth)	46
212367	Buffered Peptone Water	02-568	Buffered Peptone Phosphate Water	48
211102	Cary & Blair Transport Medium	03-643	Cary-Blair Transport Medium	51
212309	CIN Agar (Yersinia Selective Agar)	01-444	Yersinia CIN Agar Base	126
212218	CLED Agar	01-047	CLED Agar	54
211124	Columbia Agar Base	01-034	Blood Agar Base (Columbia)	45
212104	Columbia CNA Agar	01-703	Columbia CNA Agar Base	56
212330	Dermatophyte Test Medium Base	01-442	Dermatophytes Selective Agar	58
211179	DNase Test Agar	01-346	DNase Agar	59
297005	EE Broth Mossel Enrichment	02-064	Enrichment Enterobacteriaceae Broth (EE Broth)	61
211199	Endo Agar	01-589	Endo Agar Base	60
212205	Enterococcosel	01-592	Bile Esculin Azide Agar	44
211221	Eosine Methylene Blue Agar, Levine	01-068	Eosin Methylene Blue Agar (EMB Agar)	61
211260	Fluid Thioglycollate Medium	03-187	Thioglycollate Fluid Medium	110
211287	m-Green Yeast & Mold Broth	02-633	m-Green Broth	66
212211	Hektoen Enteric Agar	01-216	Hektoen Enteric Agar	67
211317	Kligler Iron Agar	01-103	Kligler Iron Agar (KIA)	70
211333	Lactose Broth	02-105	Lactose Broth	70
211338	Lauryl Sulfate Broth	02-108	Tryptose Lauryl Sulfate Broth	117
211363	Lysine Iron Agar	01-094	Lysine Iron Agar (LIA)	78
211387	MacConkey Agar	01-118	MacConkey Agar (Eur. Pharm.)	78
211407	Mannitol Salt Agar	01-116	Chapman Agar (Mannitol Salt Agar)	53
296309	Motility Nitrate (MN) Medium	03-454	Stuart Ringertz Transport Medium	108
211443	Mueller Hinton Broth	02-136	Mueller-Hinton Broth	87
211438	Mueller Hinton II Agar	01-136	Mueller-Hinton Agar	86
211486	Orange Serum Agar	01-698	Orange Serum Agar	90
211506	Phenol-Red Broth Base	02-032	Phenol Red Broth Base	93
211537	Phenylalanine Agar	01-083	Phenylalanine Agar (PPA)	93
211906	Phytone Peptone	07-155	Soy Peptone	146
211558	Purple Broth Base	02-663	Purple Broth Base	97
211584	Sabouraud Dextrose Agar	01-165	Sabouraud Dextrose Agar	103
211597	Salmonella Shigella Agar	01-555	Salmonella Shigella Agar (SS Agar)	104
211578	SIM Medium	03-176	SIM Medium	106
211620	Simmons Citrate Agar	01-177	Simmons Citrate Agar	106
211638	Standard Methods Agar (Tryptone Glucose Yeast Agar)	01-161	Plate Count Agar (PCA)	94
211651	Sterility Test Broth	02-186	Thioglycollate Broth	110
296004	Tech Agar	01-001	King A Agar (P Agar)	69
211917	Tellurite Solution 1%	06-089	Potassium Tellurite Sterile Solution 1%	65, 122, 145
211736	Todd Hewith Broth	02-191	Todd-Hewitt Broth	111
211921	Trypticase Peptone	07-119	Tryptone - Casein Trypsic Peptone	146
211043	Trypticase Soy Agar (Soy Bean Casein Digest Agar)	01-200	Tryptic Soy Agar (TSA) (Eur. Pharm.)	112
211764	Trypticase Soy Agar w. Polysorbate 80 and Lecithin	01-613	Microbial Content Test Agar	83
211768	Trypticase Soy Broth	02-200	Tryptic Soy Broth (TSB) (Eur. Pharm.)	114
296264	Trypticase Soy Broth, Sterile	02-575	Tryptic Soy Broth (TSB) (Eur. Pharm.)	114
211749	TSI Agar	01-192	Triple Sugar Iron Agar (TSI Agar)	111
211690	TSN Agar	01-195	Tryptone Sulfite Neomycin Agar (TSN Agar)	116
211795	Urea Agar Base	01-261	Urea Agar Base	120
211838	XLD Agar	01-211	Xylose Lysine Deoxycholate Agar (XLD Agar) (Eur. Pharm.)	124
211929	Yeast Extract	07-079	Yeast Extract	146

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ART. NO. BBL	DESCRIPTION BBL	ART. NO. SCHARLAU	DESCRIPTION SCHARLAU	PAGE
210912	AK Agar # 2	01-069	Sporulating Agar	107
210986	Antibiotic Medium 13	02-165	Sabouraud Broth (Eur. Pharm.)	101
211027	Biggy Agar	01-137	Nickerson Agar	88
211037	Blood Agar Base (Infusion Agar)	01-352	Blood Agar Base	44
211043	Trypticase Soy Agar (Soy Bean Casein Digest Agar)	01-200	Tryptic Soy Agar (TSA) (Eur. Pharm.)	112
211059	Brain Heart Infusion Broth	02-599	Brain Heart Infusion Broth (BHI Broth)	46
211065	Brain Heart Infusion Agar	01-599	Brain Heart Infusion Agar (BHI Agar)	46
211102	Cary & Blair Transport Medium	03-643	Cary-Blair Transport Medium	51
211124	Columbia Agar Base	01-034	Blood Agar Base (Columbia)	45
211179	DNase Test Agar	01-346	DNase Agar	59
211199	Endo Agar	01-589	Endo Agar Base	60
211221	Eosine Methylene Blue Agar, Levine	01-068	Eosin Methylene Blue Agar (EMB Agar)	61
211260	Fluid Thioglycollate Medium	03-187	Thioglycollate Fluid Medium	110
211287	m-Green Yeast & Mold Broth	02-633	m-Green Broth	66
211317	Kligler Iron Agar	01-103	Kligler Iron Agar (KIA)	70
211333	Lactose Broth	02-105	Lactose Broth	70
211338	Lauryl Sulfate Broth	02-108	Tryptose Lauryl Sulfate Broth	117
211363	Lysine Iron Agar	01-094	Lysine Iron Agar (LIA)	78
211387	MacConkey Agar	01-118	MacConkey Agar (Eur. Pharm.)	78
211407	Mannitol Salt Agar	01-116	Chapman Agar (Mannitol Salt Agar)	53
211438	Mueller Hinton II Agar	01-136	Mueller-Hinton Agar	86
211443	Mueller Hinton Broth	02-136	Mueller-Hinton Broth	87
211486	Orange Serum Agar	01-698	Orange Serum Agar	90
211506	Phenol-Red Broth Base	02-032	Phenol Red Broth Base	93
211537	Phenylalanine Agar	01-083	Phenylalanine Agar (PPA)	93
211558	Purple Broth Base	02-663	Purple Broth Base	97
211578	SIM Medium	03-176	SIM Medium	106
211584	Sabouraud Dextrose Agar	01-165	Sabouraud Dextrose Agar	103
211597	Salmonella Shigella Agar	01-555	Salmonella Shigella Agar (SS Agar)	104
211620	Simmons Citrate Agar	01-177	Simmons Citrate Agar	106
211638	Standard Methods Agar (Tryptone Glucose Yeast Agar)	01-161	Plate Count Agar (PCA)	94
211651	Sterility Test Broth	02-186	Thioglycollate Broth	110
211690	TSN Agar	01-195	Tryptone Sulfite Neomycin Agar (TSN Agar)	116
211736	Todd Hewith Broth	02-191	Todd-Hewitt Broth	111
211749	TSI Agar	01-192	Triple Sugar Iron Agar (TSI Agar)	111
211764	Trypticase Soy Agar w. Polysorbate 80 and Lecithin	01-613	Microbial Content Test Agar	83
211768	Trypticase Soy Broth	02-200	Tryptic Soy Broth (TSB) (Eur. Pharm.)	114
211795	Urea Agar Base	01-261	Urea Agar Base	120
211838	XLD Agar	01-211	Xylose Lysine Deoxycholate Agar (XLD Agar) (Eur. Pharm.)	124
211906	Phytone Peptone	07-155	Soy Peptone	146
211917	Tellurite Solution 1%	06-089	Potassium Tellurite Sterile Solution 1%	65, 122, 145
211921	Trypticase Peptone	07-119	Tryptone - Casein Trypsic Peptone	146
211929	Yeast Extract	07-079	Yeast Extract	146
212104	Columbia CNA Agar	01-703	Columbia CNA Agar Base	56
212205	Enterococcosel	01-592	Bile Esculin Azide Agar	44
212211	Hektoen Enteric Agar	01-216	Hektoen Enteric Agar	67
212218	CLED Agar	01-047	CLED Agar	54
212303	Beef Extract Powder	07-515	Beef Extract	146
212304	Agar Grade A	07-004	Agar Bacteriological	146
212309	CIN Agar (Yersinia Selective Agar)	01-444	Yersinia CIN Agar Base	126
212330	Dermatophyte Test Medium Base	01-442	Dermatophytes Selective Agar	58
212367	Buffered Peptone Water	02-568	Buffered Peptone Phosphate Water	48
296004	Tech Agar	01-001	King A Agar (P Agar)	69
296264	Trypticase Soy Broth, Sterile	02-575	Tryptic Soy Broth (TSB) (Eur. Pharm.)	114
296309	Motility Nitrate (Mn) Medium	03-454	Stuart Ringertz Transport Medium	108
297005	EE Broth Mossel Enrichment	02-064	Enrichment Enterobacteriaceae Broth (EE Broth)	61
299068	Bile Esculin Agar	01-265	Bile Esculin Modified Agar	44

CROSS REFERENCES: DIFCO - SCHARLAU (ALPHABETICAL)

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226340	Antibiotic Medium 1	01-009	Antibiotic Medium A pH 6,6 (Eur. Pharm.)	37
246310	Antibiotic Medium 10	01-016	Antibiotic Medium B (Eur. Pharm.)	37
259310	Antibiotic Medium 11	01-017	Antibiotic Medium A pH 7,9 (Eur. Pharm.)	37
243100	Antibiotic Medium 19	01-434	Antibiotic Medium F (Eur. Pharm.)	38
265430	APT Agar	01-026	APT Agar	39
214010	Bacto Agar	07-004	Agar Bacteriological	146
211520	Bacto Beef Extract, Desiccated	07-515	Beef Extract	146
225930	Bacto Casitone	07-154	Tryptone - Casein Pancreatic Peptone	146
243620	Bacto Soytone	07-155	Soy Peptone	146
249240	Bacto Todd Hewitt Broth	02-191	Todd-Hewitt Broth	111
211705	Bacto Tryptone	07-119	Tryptone - Casein Trypsic Peptone	146
211713	Bacto Tryptose	07-197	Tryptose	146
212750	Bacto Yeast Extract	07-079	Yeast Extract	146
276840	Baird Parker Agar Base	01-030	Baird Parker Agar Base	41
269620	Blood Agar Base N. 2	01-505	Blood Agar Base No. 2	45
241830	Brain Heart Infusion Agar	01-599	Brain Heart Infusion Agar (BHI Agar)	46
256120	Brain Heart Infusion Porcine	02-599	Brain Heart Infusion Broth (BHI Broth)	46
228530	Brilliant Green Agar	01-203	Brilliant Green Agar (BGA)	47
218801	Brilliant Green Agar Modified	01-309	Brilliant Green Modified Agar	47
274000	Brilliant Green Bile Broth 2%	02-041	Brilliant Green Bile 2% Broth	47
218105	Buffered Peptone Water	02-568	Buffered Peptone Phosphate Water	48
285420	Cetrimide Agar Base	01-160	Cetrimide Agar (Eur. Pharm.)	52
279240	Columbia Blood Agar Base	01-034	Blood Agar Base (Columbia)	45
242010	Desoxycholate Lactose Agar	01-057	Deoxycholate Lactose Agar	58
263220	DNase Test Agar	01-346	DNase Agar	59
258710	DRBC Agar Base	01-657	Dichloran Rose Bengal Chloramphenicol Agar	59
231430	EC Medium	02-060	E. coli Broth (EC Broth)	60
256620	EE Broth Mossel	02-064	Enrichment Enterobacteriaceae Broth (EE Broth)	61
233472	Egg-Yolk Enrichment 50%	06-016	Sterile Egg Yolk Emulsion	40, 41, 119, 144
274620	m-Enterococcus Agar	01-579	Slanetz Bartley Agar	107
212107	EVA Broth	02-028	Azide Ethyl Violet Broth (EVA Broth)	40
267720	m-FC Agar	01-287	Fecal Coliforms Agar (m-FC Agar)	62
264210	Fluid Sabouraud Medium	02-165	Sabouraud Broth (Eur. Pharm.)	101
225650	Fluid Thioglycollate Medium	03-187	Thioglycollate Fluid Medium	110
211767	Fraser Broth Base	02-496	Listeria Enrichment Broth Fraser	76
228950	GC Medium Base	01-310	GC Agar Base	64
218091	Giolitti Cantoni Broth Base	02-230	Giolitti-Cantoni Broth	65
248610	GN Broth, Hajna	02-093	Gram Negative Broth (GN Broth)	66
285340	Hektoen Enteric Agar	01-216	Hektoen Enteric Agar	67
249610	KF Streptococcus Agar	01-294	Kenner Fecal Agar (KF Agar)	69
288210	Lactobacilli MRS Agar	01-135	MRS Agar	85
288130	Lactobacilli MRS Broth	02-135	MRS Broth	85
211835	Lactose Broth	02-105	Lactose Broth	70
224150	Lauryl Tryptose Broth	02-108	Tryptose Lauryl Sulfate Broth	117
244520	LB Agar, Miller	01-385	LB Agar (Miller)	72
240230	LB Broth, Lennox	02-406	LB Broth (Lennox)	72
244620	LB Broth, Miller	02-385	LB Broth (Miller)	73
268010	Letheen Agar	01-236	Letheen Agar	73
263110	Letheen Agar Modified	01-237	Letheen Modified Agar	74
268110	Letheen Broth	02-236	Letheen Broth	74
263010	Letheen Broth Modified	02-237	Letheen Modified Broth	74
222220	Listeria Enrichment Broth	02-498	Listeria Enrichment Broth Base (Lovett)	75
241420	Luria Broth Base, Miller	02-384	LB Broth	72
284920	Lysine Iron Agar	01-094	Lysine Iron Agar (LIA)	78
212123	MacConkey Agar	01-118	MacConkey Agar (Eur. Pharm.)	78
220100	MacConkey Broth	02-611	MacConkey Broth (Eur. Pharm.)	79
230650	Mannitol Salt Agar	01-116	Chapman Agar (Mannitol Salt Agar)	53
212185	Marine Agar 2216	01-291	Marine Agar	81
218971	Maximum Recovery Diluent	02-510	Maximum Recovery Diluent (MRD)	82
255320	Microbial Content Test Agar	01-613	Microbial Content Test Agar	83
218501	Mineral Modified Glutamate Broth	02-656	Mineral Modified Glutamate Medium Base	83
273520	MIO Medium	03-422	Motility Indol Ornithine Fluid Medium (MIO)	84
216300	MR-VP Medium	02-207	Methyl Red Voges Proskauer Broth (MRVP Broth)	82
225250	Mueller Hinton Agar	01-136	Mueller-Hinton Agar	86

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275730	Mueller Hinton Broth (Not cation-adjusted)	02-136	Mueller-Hinton Broth	87
218531	Muller Kauffman Tetrathionate Broth Base	02-335	Müller-Kauffmann Tetrathionate Broth Base	87
281010	MYP Agar	01-262	Bacillus cereus Agar	40
225710	NIH Thioglycollate Broth	02-186	Thioglycollate Broth	110
226810	Nitrate Broth	02-138	Nitrate Broth	88
213000	Nutrient Agar (APHA)	01-144	Nutrient Agar (APHA, ISO)	89
234000	Nutrient Broth	02-144	Nutrient Broth (APHA)	89
218111	O.G.Y.E Agar Base	01-275	Sabouraud Oxytetracycline Agar (OGYEA)	104
268820	O/F Basal Medium	03-037	Oxidation-Fermentation Fluid Medium Base (O/F Medium)	91
222530	Oxford Medium Base	01-471	Oxford Agar Base	90
263620	Palcam Medium Base	01-470	Palcam Agar Base	91
274520	Phenylalanine Agar	01-083	Phenylalanine Agar (PPA)	93
247940	Plate Count Agar (Tryptone Glucose Yeast Agar)	01-161	Plate Count Agar (PCA)	94
213400	Potato Dextrose Agar	01-483	Potato Dextrose Agar (Eur. Pharm.)	95
254920	Potato Dextrose Broth	02-483	Potato Dextrose Broth	95
211693	Proteose Peptone N. 3	07-625	Proteose Peptone No. 3	146
244820	Pseudomonas Agar F	01-029	King B Agar (F Agar)	69
244910	Pseudomonas Agar P	01-001	King A Agar (P Agar)	69
218263	R2A Agar	01-540	R2A Agar	97
218681	Rappaport Vassiliadis Msrv Medium Semi-Solid Modification	03-376	Rappaport Vassiliadis Modified SemiSolid Medium Base	98
218581	Rappaport Vassiliadis R10 Broth	02-379	Rappaport Vassiliadis Broth	98
218081	Reinforced Cloristidial Medium	01-289	Reinforced Clostridial Agar	99
218312	Rose Bengal Agar Base	01-301	Rose Bengal Chloramphenicol Agar	100
210950	Sabouraud Dextrose Agar	01-165	Sabouraud Dextrose Agar	103
274500	Salmonella Shigella Agar	01-555	Salmonella Shigella Agar (SS Agar)	104
227540	Selenite Broth	02-598	Selenite Broth Base	105
268740	Selenite Cystine Broth	02-602	Selenite Cystine Broth Base	106
281110	SFP Agar Base	01-278	Tryptose Sulfite Cycloserine Agar (TSC Agar)	119
232100	Skim Milk	06-019	Skimmed Milk Powder	145, 146
284530	SPS Agar	01-050	Clostridium perfringens Selective Agar (SPS Agar)	55
265020	TCBS Agar	01-567	TCBS Agar	108
226540	Triple Sugar Iron Agar	01-192	Triple Sugar Iron Agar (TSI Agar)	111
236950	Tryptic Soy Agar (Soy Bean Casein Agar)	01-200	Tryptic Soy Agar (TSA) (Eur. Pharm.)	112
223000	Tryptone Glucose Extract Agar	01-082	Tryptone Glucose Extract Agar (TGE Agar)	115
264410	Tryptone Water	03-156	Tryptone Water	116
211825	Trytic Soy Broth	02-200	Tryptic Soy Broth (TSB) (Eur. Pharm.)	114
286220	Trytic Soy Broth W/O Dextrose	02-227	Tryptic Soy Broth without Dextrose	115
231121	TTC Solution 1%	06-023	TTC Sterile Solution 1%	53, 69, 107, 145
227210	Urea Broth	02-202	Urea Broth Base	120
222330	UVM Modified Listeria Enrichment Broth	02-472	Listeria Enrichment Broth Base (UVM)	76
211695	Violet Red Bile Agar	01-164	Violet Red Bile Agar (VRB Agar)	121
218661	Violet Red Bile Glucose Agar	01-295	Violet Red Bile Dextrose Agar (VRBD Agar) (Eur. Pharm.)	121
256220	VJ Agar (Vogel Johnson Agar)	01-206	Vogel Johnson Agar (VJ Agar)	122
242420	WL Nutrient Medium	01-210	WL Nutrient Agar	122
278850	XLD Agar	01-211	Xylose Lysine Deoxycholate Agar (XLD Agar) (Eur. Pharm.)	124
223420	XLT4 Agar Base	01-708	XLT4 Agar Base	123
219001	Yeast Extract Glucose Chloramphenicol Agar	01-366	Chloramphenicol Glucose Agar (CGA)	53
218172	Yersinia Selective Agar	01-444	Yersinia CIN Agar Base	126
271210	YM Agar	01-219	Yeast Malt Agar (YM Agar)	125
271120	YM Broth	02-219	Yeast Malt Broth	125

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210950	Sabouraud Dextrose Agar	01-165	Sabouraud Dextrose Agar	103
211520	Bacto Beef Extract, Desiccated	07-515	Beef Extract	146
211693	Proteose Peptone N. 3	07-625	Proteose Peptone No. 3	146
211695	Violet Red Bile Agar	01-164	Violet Red Bile Agar (VRB Agar)	121
211705	Bacto Tryptone	07-119	Tryptone - Casein Trypsic Peptone	146
211713	Bacto Tryptose	07-197	Tryptose	146
211767	Fraser Broth Base	02-496	Listeria Enrichment Broth Fraser	76
211825	Tryptic Soy Broth	02-200	Tryptic Soy Broth (TSB) (Eur. Pharm.)	114
211835	Lactose Broth	02-105	Lactose Broth	70
212107	EVA Broth	02-028	Azide Ethyl Violet Broth (EVA Broth)	40
212123	MacConkey Agar	01-118	MacConkey Agar (Eur. Pharm.)	78
212185	Marine Agar 2216	01-291	Marine Agar	81
212750	Bacto Yeast Extract	07-079	Yeast Extract	146
213000	Nutrient Agar (APHA)	01-144	Nutrient Agar (APHA, ISO)	89
213400	Potato Dextrose Agar	01-483	Potato Dextrose Agar (Eur. Pharm.)	95
214010	Bacto Agar	07-004	Agar Bacteriological	146
216300	MR-VP Medium	02-207	Methyl Red Voges Proskauer Broth (MRVP Broth)	82
218081	Reinforced Cloristidial Medium	01-289	Reinforced Clostridial Agar	99
218091	Giolitti Cantoni Broth Base	02-230	Giolitti-Cantoni Broth	65
218105	Buffered Peptone Water	02-568	Buffered Peptone Phosphate Water	48
218111	O.G.Y.E Agar Base	01-275	Sabouraud Oxytetracycline Agar (OGYEA)	104
218172	Yersinia Selective Agar	01-444	Yersinia CIN Agar Base	126
218263	R2A Agar	01-540	R2A Agar	97
218312	Rose Bengal Agar Base	01-301	Rose Bengal Chloramphenicol Agar	100
218501	Mineral Modified Glutamate Broth	02-656	Mineral Modified Glutamate Medium Base	83
218531	Muller Kauffman Tetrathionate Broth Base	02-335	Müller-Kauffmann Tetrathionate Broth Base	87
218581	Rappaport Vassiliadis R10 Broth	02-379	Rappaport Vassiliadis Broth	98
218661	Violet Red Bile Glucose Agar	01-295	Violet Red Bile Dextrose Agar (VRBD Agar) (Eur. Pharm.)	121
218681	Rappaport Vassiliadis MsrV Medium Semi-Solid Modification	03-376	Rappaport Vassiliadis Modified SemiSolid Medium Base	98
218801	Brilliant Green Agar Modified	01-309	Brilliant Green Modified Agar	47
218971	Maximum Recovery Diluent	02-510	Maximum Recovery Diluent (MRD)	82
219001	Yeast Extract Glucose Chloramphenicol Agar	01-366	Chloramphenicol Glucose Agar (CGA)	53
220100	MacConkey Broth	02-611	MacConkey Broth (Eur. Pharm.)	79
222220	Listeria Enrichment Broth	02-498	Listeria Enrichment Broth Base (Lovett)	75
222330	UVM Modified Listeria Enrichment Broth	02-472	Listeria Enrichment Broth Base (UVM)	76
222530	Oxford Medium Base	01-471	Oxford Agar Base	90
223000	Tryptone Glucose Extract Agar	01-082	Tryptone Glucose Extract Agar (TGE Agar)	115
223420	XL T4 Agar Base	01-708	XL T4 Agar Base	123
224150	Lauryl Tryptose Broth	02-108	Tryptose Lauryl Sulfate Broth	117
225250	Mueller Hinton Agar	01-136	Mueller-Hinton Agar	86
225650	Fluid Thioglycollate Medium	03-187	Thioglycollate Fluid Medium	110
225710	NIH Thioglycollate Broth	02-186	Thioglycollate Broth	110
225930	Bacto Casitone	07-154	Tryptone - Casein Pancreatic Peptone	146
226340	Antibiotic Medium 1	01-009	Antibiotic Medium A pH 6,6 (Eur. Pharm.)	37
226540	Triple Sugar Iron Agar	01-192	Triple Sugar Iron Agar (TSI Agar)	111
226810	Nitrate Broth	02-138	Nitrate Broth	88
227210	Urea Broth	02-202	Urea Broth Base	120
227540	Selenite Broth	02-598	Selenite Broth Base	105
228530	Brilliant Green Agar	01-203	Brilliant Green Agar (BGA)	47
228950	GC Medium Base	01-310	GC Agar Base	64
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233472	Egg-Yolk Enrichment 50%	06-016	Sterile Egg Yolk Emulsion	40, 41, 119, 144
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236950	Tryptic Soy Agar (Soy Bean Casein Agar)	01-200	Tryptic Soy Agar (TSA) (Eur. Pharm.)	112
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241420	Luria Broth Base, Miller	02-384	LB Broth	72
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242010	Desoxycholate Lactose Agar	01-057	Desoxycholate Lactose Agar	58
242420	WL Nutrient Medium	01-210	WL Nutrient Agar	122
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246310	Antibiotic Medium 10	01-016	Antibiotic Medium B (Eur. Pharm.)	37
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249610	KF Streptococcus Agar	01-294	Kenner Fecal Agar (KF Agar)	69
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1.10426.0500	Chromocult Coliform Agar	01-695	Coliform Agar Base Chromogenic Microinstant®	128
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1.16122.0500	Chromocult TBX (Tryptone Bile X-glucuronide) Agar	01-619	Tryptone Bile Glucuronic Agar (TBX Agar) Microinstant®	130
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1.03784.0001	Egg-Yolk Emulsion Sterile	06-016	Sterile Egg Yolk Emulsion	40, 41, 119, 144
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1.04044.0500	Endo Agar	01-589	Endo Agar Base	60
1.05403.0500	Enterobacteriaceae Enrichment Broth acc. Mossel	02-064	Enrichment Enterobacteriaceae Broth (EE Broth)	61
1.05289.0500	mf-Enterococcus Selective Agar Base acc. to Slanetz Bartley	01-579	Slanetz Bartley Agar	107
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1.10675.0500	Giolitti Cantoni Broth	02-230	Giolitti-Cantoni Broth	65
1.10756.0500	GN Enrichment Broth acc. to Hajna	02-093	Gram Negative Broth (GN Broth)	66
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1.11681.0500	Hektoen Enteric Agar	01-216	Hektoen Enteric Agar	67
1.05222.0500	Kanamycin Esculine Azide Agar	01-263	Kanamycin Esculin Azide Agar (KAA Agar)	68
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1.10283.0500	LB-Agar (Miller)	01-385	LB Agar (Miller)	72
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1.10549.0500	Listeria Enrichment Broth (LEB) acc. to FDA/IDF-FIL	02-498	Listeria Enrichment Broth Base (Lovett)	75
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1.05396.0500	MacConkey Broth	02-611	MacConkey Broth (Eur. Pharm.)	79
1.05391.0500	Malt extract	07-080	Malt Extract	146
1.05398.0500	Malt Extract Agar	01-573	Malt Extract Agar No. 2	80
1.05397.0500	Malt Extract Broth	02-491	Malt Extract Broth No. 2	81
1.05404.0500	Mannitol Salt Phenol Red Agar	01-116	Chapman Agar (Mannitol Salt Agar)	53
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1.03979.0500	Meat extract	07-075	Meat Extract	146
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1.10293.0500	Mueller Hinton Broth	02-136	Mueller-Hinton Broth	87
1.05435.0500	Mueller-Hinton Agar acc. to NCCLS	01-136	Mueller-Hinton Agar	86
1.05878.0500	Müller Kauffmann tetrathionate-Novobiocin Broth (MKTn)	02-335	Müller-Kauffmann Tetrathionate Broth Base	87
1.05267.0500	MYP Agar	01-262	Bacillus cereus Agar	40
1.05450.0500	Nutrient Agar (APHA)	01-144	Nutrient Agar (APHA, ISO)	89
1.05443.0500	Nutrient Broth	02-144	Nutrient Broth (APHA)	89
1.10282.0500	O/F Basal Medium acc. to Hugh & Leifson	03-037	Oxidation-Fermentation Fluid Medium Base (O/F Medium)	91
1.10673.0500	Orange Serum Agar	01-698	Orange Serum Agar	90
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1.11755.0500	Palcam Listeria Selective Agar Base acc. to Van Netten	01-470	Palcam Agar Base	91
1.07213.0500	Peptone from Casein, pancreatic	07-154	Tryptone - Casein Pancreatic Peptone	146
1.02239.0500	Peptone from Casein (Tryptone)	07-119	Tryptone - Casein Trypsin Peptone	146
1.07284.1000	Peptone from Gelatin (Pancreatic)	07-153	Gelatin Pancreatic Peptone	146
1.07224.1000	Peptone from Meat (peptic), granulated	07-152	Meat Peptone	146
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1.15338.0500	Plate Count Skim Milk Agar	01-412	Plate Count Skim Milk Agar	95
1.10130.0500	Potato Dextrose Agar	01-483	Potato Dextrose Agar (Eur. Pharm.)	95
1.10989.0500	Pseudomonas Agar F Base	01-029	King B Agar (F Agar)	69
1.10988.0500	Pseudomonas Agar P Base	01-001	King A Agar (P Agar)	69
1.07620.0500	Pseudomonas Selective Agar Base	01-609	CN Selective Agar	55
1.05284.0500	Pseudomonas Selective Agar Base (Cetrimide Agar)	01-160	Cetrimide Agar (Eur. Pharm.)	52
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1.05411.0500	Reinforced Clostridial Medium (RCM)	03-289	Reinforced Clostridial Medium (Eur. Pharm.)	99
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1.08339.0500	Sabouraud 2% Dextrose Broth	02-165	Sabouraud Broth (Eur. Pharm.)	101
1.05438.0500	Sabouraud 4% Dextrose Agar	01-165	Sabouraud Dextrose Agar	103
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1.07709.0500	Selenite Cystine Broth	02-602	Selenite Cystine Broth Base	106
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1.10263.0500	TCBS Agar (Vibrio Selective Agar)	01-567	TCBS Agar	108
1.10128.0500	TGE Agar	01-082	Tryptone Glucose Extract Agar (TGE Agar)	115
1.08190.0500	Thioglycollate Broth	02-186	Thioglycollate Broth	110
1.03915.0500	Triple Sugar Iron Agar (TSI Agar)	01-192	Triple Sugar Iron Agar (TSI Agar)	111
1.07324.0500	Tryptic Soy Agar (CASO) w. Polysorbate 80 and Lecithin	01-613	Microbial Content Test Agar	83
1.05458.0500	Tryptic Soy Agar (TSA) (CASO Agar)	01-200	Tryptic Soy Agar (TSA) (Eur. Pharm.)	112
1.05459.0500	Tryptic Soy Broth (CASO Broth)	02-200	Tryptic Soy Broth (TSB) (Eur. Pharm.)	114
1.10859.0500	Tryptone Water	03-156	Tryptone Water	116
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1.08483.0500	Urea Broth	02-202	Urea Broth Base	120
1.05405.0500	Vogel-Johnson Agar Base	01-206	Vogel Johnson Agar (VJ Agar)	122
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1.10275.0500	VRBD (Violet Red Bile Dextrose) agar acc. to Mossel	01-295	Violet Red Bile Dextrose Agar (VRBD Agar) (Eur. Pharm.)	121
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1.05449.0500	Wort Broth Base	02-132	Wort Broth	123
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1.05290.0500	XLD Agar	01-211	Xylose Lysine Deoxycholate Agar (XLD Agar) (Eur. Pharm.)	124
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1.00068.0500	Bolton Selective Enrichment Broth	02-688	Bolton Enrichment Broth Base	45
1.00070.0500	Campylobacter Blood-Free Selective Agar (modified CCDA)	01-685	CCD Modified Agar (Charcoal Cefoperazone Deoxycholate)	52
1.00072.0500	Bile Aesculin Azide Agar	01-265	Bile Esculin Modified Agar	44
1.00416.0500	R2A Agar	01-540	R2A Agar	97
1.00465.0500	Dichloran Glycerol (DG18) Agar	01-485	DG 18 Agar	59
1.00466.0500	Dichloran Rose Bengal Chloramphenicol (DRBC) Agar	01-657	Dichloran Rose Bengal Chloramphenicol Agar	59
1.00467.0500	Rose Bengal Chloramphenicol (RBC) Agar	01-301	Rose Bengal Chloramphenicol Agar	100
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1.01406.0500	VRB Agar (Violet Red Bile Agar)	01-164	Violet Red Bile Agar (VRB Agar)	121
1.01590.0500	Azide Dextrose Broth	02-027	Azide Dextrose Broth (Rothe)	40
1.01621.0500	Standard Count Agar	01-635	Nutrient Agar (ISO)	89
1.01638.0500	Brolacin Agar (CLED Agar)	01-047	CLED Agar	54
1.02239.0500	Peptone from Caseine (Tryptone)	07-119	Tryptone - Casein Tryptic Peptone	146
1.02245.0500	Caseinhydrolysate (Acid Hydrolyzed)	07-151	Casein Acid Hydrolysate	146
1.02501.0500	Simmons Citrate Agar	01-177	Simmons Citrate Agar	106
1.02894.0500	Deoxycholate Lactose Agar	01-057	Deoxycholate Lactose Agar	58
1.03753.0500	Yeast Extract, granulated	07-079	Yeast Extract	146
1.03756.0500	OX Bile Dried	07-039	Bile	146
1.03784.0001	Egg-Yolk Emulsion Sterile	06-016	Sterile Egg Yolk Emulsion	40, 41, 119, 144
1.03785.0001	Egg-Yolk Tellurite Emulsion 20% Sterile	06-026	Egg's Yolk Tellurite Sterile Emulsion	41, 144
1.03913.0500	Kligler Agar	01-103	Kligler Iron Agar (KIA)	70
1.03915.0500	Triple Sugar Iron Agar (TSI Agar)	01-192	Triple Sugar Iron Agar (TSI Agar)	111
1.03979.0500	Meat Extract	07-075	Meat Extract	146
1.04044.0500	Endo Agar	01-589	Endo Agar Base	60
1.05178.0500	TBG-Broth Modified	02-629	Tetrathionate Bile Brilliant Green Broth Base	109
1.05222.0500	Kanamycin Esculine Azide Agar	01-263	Kanamycin Esculin Azide Agar (KAA Agar)	68
1.05264.0500	TSN Agar (Perfringens Selective Agar acc. to Marshall)	01-195	Tryptone Sulfite Neomycin Agar (TSN Agar)	116
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1.05272.0500	Antibiotic Agar N. 1	01-009	Antibiotic Medium A pH 6,6 (Eur. Pharm.)	37
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1.05398.0500	Malt Extract Agar	01-573	Malt Extract Agar No. 2	80
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1.10130.0500	Potato Dextrose Agar	01-483	Potato Dextrose Agar (Eur. Pharm.)	95
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CM0003B	Nutrient Agar	01-140	Nutrient Agar	89
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