

## VWR® FOR MICROBIOLOGY

Dehydrated culture media

Granulated media

Supplements

Ready to use media

Dipslides

Cryopreservation

ENUMERATION, ISOLATION,  
DETECTION AND CULTIVATION  
OF BACTERIA, YEAST AND MOULDS



## WELCOME TO VWR'S GUIDE TO MICROBIOLOGY PRODUCTS

Our microbiology portfolio includes dehydrated, granular and ready to use media for a wide variety of applications in many different industries, including pharmaceutical, cosmetic, food, dairy, environment and water control.

All our media are, as you would expect, produced using high quality raw materials and are subject to strict quality controls, in a production environment following Good Manufacturing Practice guidelines.

- High quality raw materials are selected for the highest quality products
- Compliant with International standards, such as ISO and Pharmacopoeia
- Available in standard formulations and animal-free
- Custom products available

Dehydrated and granulated products are available in 500 g and 5 kg packs depending on your usage, and our ready to use media offers time and cost savings from convenient, easy to use formulations ranging from plates to bottles, bags and tubes.



## DOCUMENTATION

Documentation is available for download from our website [vwr.com](http://vwr.com) for all media products.

- Technical Data Sheets (TDS)
- Certificate of Analysis (CoA) in compliance with 11133 ISO Standard
- Material Safety Data Sheets (MSDS)

For ready to use media you will also find VHP resistance studies and certificates of irradiation/dosimetry where appropriate.

## NEW LABELLING CONFORMING TO CLP REGULATION (EC) NO. 1272/2008

**Article number for ordering and searching on the web**  
**Batch/Lot number**  
**Storage conditions**  
**Use by date, beyond this date VWR cannot guarantee the specification**  
**Directions for use in 5 languages**

**85941.0500 Size: 500 g**  
Lot No.:      Use By:     

Store at:      Date opened:     

Typical formula g/l:

Tryptone#	5.00
Yeast extract	2.50
Dextrose	1.00
Agar	15.00

Final pH (at 25°C) 7.0 ± 0.2  
\* Casein enzymic hydrolysate

**For microbiology**  
**Plate Count Agar (Standard Methods Agar) - GRANULATED**  
For the determination of plate counts of microorganisms in foods, water, wastewater and also from clinical samples.  
Plate-Count-Agar-PCA (ISO) (Standard-Methoden-Agar)

**Directions**  
Suspend 23.5 grams in 1000 ml purified/distilled water. Boil to dissolve the medium completely. Sterilise by autoclaving at 15lbs pressure (121°C) for 15 minutes. Cool to 45-50°C. Mix well and pour into sterile Petri dishes.

**Préparation**  
Dissoudre 23,5 grammes dans un litre d'eau purifiée/distillée. Chauffer si besoin afin de dissoudre le milieu complètement. Stériliser par autoclave à 15 Psi (1.03 Bar) à 121°C pendant 15 mn. Refroidir jusqu'à atteindre 45-50°C. Bien mélanger et verser stérilement en boîtes de pétri.

**Gebruiksaanwijzing**  
23,5 g in 1000ml destilleerd water. Water geven en het medium door verhitten compleet oplossen. Bij 121°C 15 minuten of naar eigen goedkeuring valideren. Steriliseren in autoclave te 15 lbs de druk (121°C) gedurende 15 minuten. Afkoelen tot 45-50°C. Goed doorroeren en in steriele Petri schalen gieten.

**Instrucciones**  
Suspender 23,5 gramos en 1000 ml de agua purificada. Calentar a ebullición para disolver el medio completamente. Esterilizar en autoclave a 15 lbs de presión (121°C) durante 15 minutos. Enfriar a 45-50°C. Mezclar bien y verter en placas Petri estériles.

**Istruzioni**  
Sospendere 23,5 grammi in 1000 ml di acqua distillata/purificata. Scaldare a bollore per dissolvere completamente il mezzo. Sterilizzare autoclave a 121°C per 15 minuti. Raffreddare a 45-50 °C. Mescolare bene e dispensare in piastre Petri sterili.

**Formulation**  
**Where product is produced**

For Specifications, C of A and SDS - see [vwr.com](http://vwr.com), or scan QR code.  
Manufactured for: VWR International bvba  
Geldenaaksebaan 464B-3001 Leuven  
Belgium +32 163 85011  
Made in India

**VWR**  
**BORIS** CHEMICALS



The QR code includes details of the product number and batch; there is a direct link to our website to show our CoA and SDS linked to this product code.

The new multilingual labels are designed to help you find the information you need easily and quickly. They always include an expiry date for unopened and correctly stored product and usually a space for customers to enter the date of receipt and/or when the bottle was first opened. The new labels also comply with CLP requirements.

# VWR® MEDIA ARE AVAILABLE IN A CHOICE OF FORMATS FOR MAXIMUM CONVENIENCE



## Powder dehydrated media

- Culture media ingredients
- Dehydrated culture media for microbiology – 500g bottles and 5kg drums
- Supplements for dehydrated culture media

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## Granulated dehydrated media

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## Culture media, ready to use plates

- Pre-poured plates 55mm
- Pre-poured plates 90mm

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## Contact plates for surface and air control

- Irradiated
- Irradiated and in blister

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## Culture media, ready to use in tubes

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## Culture media, ready to use in bottles

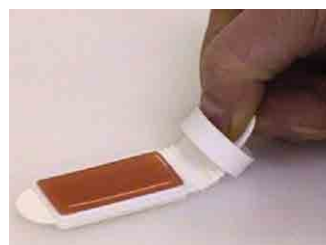
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## Culture media, ready to use in bags

- Normal bags
- Mediabag
- Mediabag System T
- Mediabag system W

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## Dip slides

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## Cryoinstant, preservation of microorganisms

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## CULTURE MEDIA INGREDIENTS

The ingredients used to prepare culture media are very important because ultimately the results depend on the quality of these compounds. VWR dehydrated ingredients are specifically selected to ensure consistent and reproducible results. Manufactured under the strictest cGMP standards.

DESCRIPTION	USE AND APPLICATION	500 G	5 KG
Bacteriological agar	Solidifying agent used in the preparation of microbiological culture media - Bacteriological grade	84609.0500	84609.5000
Casein hydrolysate (acid)	Peptone obtained by acid digestion of casein, used in the preparation of microbiological culture media	84623.0500	-
Malt extract	Extract obtained by extracting the soluble products from sprouted grain, used for the preparation of mycological culture media	84618.0500	-
Meat extract	Extract used in general purpose and diagnostic media preparations	84688.0500	84688.5000
Peptone from meat (enzymatic digest of animal tissue)	Peptone obtained by enzymatic digestion of selected fresh beef meat, used in the preparation of microbiological culture media	84620.0500	84620.5000
Skim milk	Spray-dried skim milk used in the preparation of microbiological culture media	84615.0500	-
Soya peptone (enzymatic digest of soybean meal)	Peptone obtained by enzymatic digestion of soybean meal, used in the preparation of microbiological culture media	84616.0500	-
Tryptone (peptone from casein)	Peptone obtained by pancreatic digestion of casein, used in the preparation of microbiological culture media	84610.0500	84610.5000
Yeast extract	Aqueous extract of autolysed brewer's yeast used in the preparation of microbiological culture media	84601.0500	84601.5000



## DEHYDRATED CULTURE MEDIA FOR MICROBIOLOGY - 500 G BOTTLES AND 5 KG DRUMS

Manufactured under the strictest cGMP standards.

Supplements required are shown in this table for information and in full in the following section.

DESCRIPTION	IN COMPLIANCE WITH	PHARMA	FOOD	WATER	CAT. NO.
<b>Antibiotic Medium E (Ph. Eur., USP, JP)</b> Solid medium used in the microbiological assays of Framycetin and Neomycin using the Agar Diffusion method			X		85056.0500
<b>BAT Agar</b> Solid selective culture media for the isolation of <i>Alicyclobacillus</i> species in fruit juices			X		85940.0500
<b>Baird Parker agar base (ISO)</b> Solid selective culture medium for the screening of staphylococci and the isolation of <i>Staphylococcus aureus</i> from a variety of food and pharmaceutical samples <b>Supplements</b> RPF supplement Egg yolk tellurite sterile emulsion	ISO 6888-1 ISO 6888-2 International Dairy Federation DIN 10163 DIN 10178	X	X		84664.0500  602730ZL 351430XF
<b>Brain heart infusion broth</b> Liquid medium for the cultivation of fastidious and non fastidious aerobic and anaerobic microorganisms	DIN 10163 ISO 6888-1 ISO 6888-2 ISO 6888-3		X	X	84626.5000 - 5 kg
<b>Brilliant green agar</b> Kristensen solid selective medium for the isolation of <i>Salmonella</i> spp. other than <i>Salmonella typhi</i> and <i>Shigella</i>		X	X		84631.0500

DESCRIPTION	IN COMPLIANCE WITH	PHARMA	FOOD	WATER	CAT. NO.
<b>Brilliant green agar modified (Brilliant green phenol red lactose agar)</b> Edel and Kampelmacher solid selective medium for the isolation of <i>Salmonella</i> spp. other than <i>Salmonella typhi</i>	ISO 6340 DIN 10160 DIN 10181		X	X	84634.0500
<b>Brilliant green bile broth</b> Liquid medium for detection and confirmation of Coliform bacteria in water, wastewater, foods, milk and dairy products	APHA ISO 4831 ISO 4832		X	X	84682.0500
<b>Buffered peptone water (ISO)</b> Non selective pre-enrichment liquid medium used in methods for the detection of <i>Salmonella</i> spp. (ISO 6579) and <i>Listeria monocytogenes</i> (ISO 11290-2) as well as sample preparation (ISO 6887-1) in foodstuffs and water	ISO 6579 ISO 11290-2 ISO 6887-1	X	X	X	84600.0500 - 500 g 84600.5000 - 5 kg 84600.25000 - 25 kg
<b>Buffered sodium chloride peptone broth (Ph. Eur., USP, JP)</b> General purpose diluent for microbiological analysis and the dilution of samples of pharmaceutical products	Ph. Eur. USP, JP ISO 21149	X			84605.0500
<b>Blood agar (base)</b> Medium for preparing blood agar plates and heated blood (chocolate) plates					84619.0500
<b>Blood agar no. 2 (base)</b> Nutrient rich medium suitable for the isolation of pathogenic microorganisms	ISO 7932		X		84647.0500
<b>Campylobacter blood-free medium base Bolton - MCCDA</b> Blood-free solid medium base for the detection and enumeration of <i>Campylobacter</i> spp. in food and animal feeding stuffs <b>Supplement</b> CCD selective supplement	ISO 10272 ISO 17995		X		84695.0500  84742.0001
<b>Campylobacter Bolton broth base (modified CCDA)</b> Liquid medium base for the enrichment (isolation) of <i>Campylobacter</i> spp. in food and animal feeding stuffs (modified CCDA) <b>Supplement</b> Bolton broth selective supplement	ISO 10272				84697.0500  84744.0001
<b>Campylobacter Karmali medium agar base</b> Blood-free solid medium base for the detection and enumeration of <i>Campylobacter</i> spp. in food and animal feeding stuffs <b>Supplement</b> Karmali selective supplement	AOAC		X		84696.0500  84743.0001
<b>Casein peptone lecithin polysorbate broth</b> Medium used to dilute and neutralise samples of pharmaceutical, cosmetic and row material for the purpose of microbial enumeration	FDA Ph. Eur. USP, JP	X	X		84901.0500
<b>Columbia agar base (Ph. Eur., USP, JP)</b> Solid medium base for the preparation of culture media for the cultivation of a variety of fastidious and non fastidious microorganisms	Ph. Eur. USP, JP ISO 10272	X	X		84621.0500 - 500 g 84621.5000 - 5 kg
<b>CCA agar</b> Selective and differential medium for the detection and enumeration of coliforms and <i>E. coli</i> in water samples by MF technique <b>Supplement</b> Coliform CV selective supplement	ISO 9308-1		X	X	84903.0500  928390NL
<b>CLED agar</b> Cystine, lactose, electrolyte deficient medium, recommended for the isolation and identification of urinary pathogenic bacteria					84668.0500
<b>Differential clostridial agar (DCA) Application</b> Base medium for the for the enumeration of sulfite-reducing clostridia in dried foods			X		85837.0500
<b>DG 18 agar base (ISO)</b> A basal solid medium for the enumeration of yeasts and moulds in foods and animal feeding stuffs with water activity less than or equal to 0,95 <b>Supplement</b> Chloramphenicol	ISO 21527-2		X		84632.0500  84729.0001
<b>Dichloran rose bengal chloramphenicol (DRBC) agar</b> Selective solid medium for the enumeration of yeasts and moulds in foods	ISO 21527-1:2008		X		84670.0500
<b>EC broth (ISO)</b> Medium for the detection of faecal coliforms and enumeration of <i>E. coli</i> in waters and foodstuff	ISO 7251		X		84627.0500
<b>Endo les agar</b> Solid medium for detecting and enumerating coliforms in water and foods by the filter membrane method	APHA Standard Methods for the Examination of Water and Wastewater		X	X	84645.0500
<b>Enterobacteriaceae enrichment broth Mossel (Ph. Eur., USP, JP)</b> Liquid medium for selective enrichment of enterobacteriaceae from pharmaceutical products in accordance with the microbial limit testing by harmonised methodology of USP, EP, BP, JP	Ph. Eur. USP JP	X			84689.0500 - 500 g 84689.5000 - 5 kg
<b>Enterobacteriaceae enrichment broth Mossel</b> Liquid medium for selective enrichment of Enterobacteriaceae in the bacteriological examination of food	APHA ISO 21528		X		84678.0500
<b>Fecal coliforms agar (m-FC agar)</b> Solid, selective and differential medium for coliform enumeration by membrane filter technique <b>Supplement</b> Rosolic acid selective supplement			X	X	84644.0500  355070ZF
<b>Fluid thioglycollate medium</b> Medium for sterility testing of biologicals and for cultivation of aerobes, anaerobes and microaerophiles	Ph. Eur. USP JP	X			84681.0500 - 500 g 84681.5000 - 5 kg

DESCRIPTION	IN COMPLIANCE WITH	PHARMA	FOOD	WATER	CAT. NO.
<b>Fraser broth base (ISO)</b> Media for the selective enrichment of <i>Listeria spp.</i> by the 2-step method <b>Supplements</b> Fraser selective supplement Fraser half selective supplement	ISO 11290		X		84611.0500 - 500 g 84611.5000 - 5 kg 84720.0001 84721.0001
<b>Giolitti Cantoni broth base (ISO)</b> Liquid medium used for the recovery and enumeration of low numbers of coagulase-positive staphylococci in foods <b>Supplements</b> Potassium Tellurite Sterile Solution	EN-ISO 6888-3; ISO 5944; FIL-IDF 60:2001		X		85942.0500 900010ZK
<b>Glutamate starch phenol red (GSP) agar B APHA</b>			X	X	85946.0500
<b>Hektoen enteric agar</b> Solid medium for differential and selective isolation of Salmonella and Shigella species from enteric pathological specimens	ISO AOAC APHA		X		84691.0500
<b>KF streptococcus agar base (m-azide maltose agar KF)</b> Solid medium for the detection and enumeration of Enterococci in water, foodstuffs and other materials <b>Supplement</b> TTC 1% solution	APHA		X	X	84633.0500 84731.0001
<b>Lactose TTC Tergitol® 7 agar (Chapman TTC agar)</b> Solid medium for the detection of coliforms by membrane filtration in water analysis <b>Supplement</b> TTC sterile solution 1%	ISO 9308-1			X	84657.0500 301950ZK
<b>Lauryl sulphate broth (ISO)</b> Medium For the detection and enumeration of coliforms (ISO 4831) and for the enumeration of E.coli (ISO 7251) in food and animal feeding stuffs	ISO 4831 ISO 7251 APHA		X		84639.0500
<b>LB broth (Lennox) (ISO)</b> Liquid medium for general purposes, recommended for molecular genetics studies of <i>Escherichia coli</i> ; may be used for routine isolation cultivation of not particularly fastidious microorganisms		X			84649.0500 - 500 g 84649.5000 - 5kg
<b>LB broth (Miller)</b> Liquid medium for general purposes, recommended for molecular genetics studies of <i>Escherichia coli</i> ; may be used for routine isolation cultivation of not particularly fastidious microorganisms		X			85947.5000
<b>LB agar (Miller)</b> Solid medium for general purposes, recommended for molecular genetics studies of <i>Escherichia coli</i> ; may be used for routine isolation cultivation of not particularly fastidious microorganisms		X			84684.0500 - 500 g 84684.5000 - 5kg
<b>Legionella CYE agar base (ISO)</b> Medium base for the detection and enumeration of <i>Legionella spp.</i> in water according to ISO methods <b>Supplements</b> GVPC supplement BCYE α-growth supplement BCYE α-growth supplement without cysteine	ISO 11731		X	X	84629.0500 84725.0001 84726.0001 84727.0001
<b>Lethen broth modified</b> FDA recommended liquid medium for the primary recovery of stressed microorganisms in the microbial examination of cosmetics <b>Supplement</b> Polysorbate 80	USP FDA	X			84673.0500 303570ZA
<b>Linde Grain Medium</b> Liquid medium for the cultivation of environmental microorganisms as a part of media fill process simulation for beverage bottling	-		X		84954.5000 - 5 kg
<b>Linden Grain Broth</b> Liquid medium for the cultivation of environmental microorganisms as a part of media fill process simulation for beverage bottling	-		X		84673.0500 - 5 kg
<b>Listeria buffered enrichment broth base</b> Liquid medium for the pre-enrichment to Listeria species <b>Supplement</b> Listeria FDA FIL/IDF selective supplement	FDA-BAM FIL-IDF	X	X		84652.0500 928380NL
<b>Listeria enrichment broth</b> Selective broth for the enrichment of <i>Listeria spp.</i> The antibiotics Cycloheximide, Nalidixic acid and Acriflavin HCl are already included in the dehydrated medium	FIL-IDF FDA	X	X		84606.0500
<b>Listeria selective agar according to Ottaviani &amp; Agosti</b> Solid culture medium for the isolation of <i>Listeria spp.</i> and the presumptive identification of <i>Listeria monocytogenes</i> <b>Supplements</b> Listeria enrichment supplement Listeria selective supplement	ISO 11290		X		84748.0500 335032ZF 928460NL
<b>Lysine agar</b> Synthetic and differential medium for the isolation, cultivation and enumeration of wild yeast in the brewery industry			X		85050.0500
<b>MacConkey agar (Ph. Eur., USP, JP)</b> Solid medium for the isolation of enteric pathogens and coliform bacteria and for the detection of <i>E.coli</i> in non sterile pharmaceutical products	Ph. Eur. USP JP	X	X	X	84614.0500
<b>MacConkey broth</b> Medium for presumptive identification of coliforms from variety of specimens such as water, milk and food	ISO 9308-2		X	X	84680.0500
<b>MacConkey broth (Ph. Eur., USP, JP)</b> Medium for presumptive identification of coliforms with formulation in pharmaceutical products	Ph. Eur. USP JP	X			85943.0500
<b>Malt extract agar no. 2</b> Solid medium for the isolation and enumeration of fungi			X		84665.0500



DESCRIPTION	IN COMPLIANCE WITH	PHARMA	FOOD	WATER	CAT. NO.
<b>Malt extract broth</b> Liquid medium for cultivation of yeasts and moulds					84666.0500
<b>Mannitol egg yolk polymyxin agar base – MYP (ISO) - (B. cereus selective agar acc. to Mossel)</b> Solid medium for the enumeration of <i>Bacillus cereus</i> in food and animal feeding stuffs <b>Supplements</b> Bacillus cereus antimicrobial supplement Egg yolk emulsion	ISO 7932 ISO 21871		X		84635.0500  84732.0001 84733.0001
<b>Mannitol salt agar (Ph. Eur., USP, JP) - (Mannitol salt phenol-red agar)</b> Medium for the selective isolation, cultivation and enumeration of Staphylococci	Ph. Eur. USP, JP	X	X		84622.0500
<b>Maximum recovery diluent (ISO)</b> Isotonic diluent for maximum recovery of microorganisms	ISO 6887		X		84617.0500
<b>M-broth</b> Medium for detecting Salmonella in foods and feeds by the accelerated enrichment serology procedures	APHA		X		84690.0500
<b>Membrane lactose glucuronide agar</b> Differential medium for the enumeration of <i>Escherichia coli</i> and other coliforms by the technique of single membrane filtration				X	84909.0500
<b>Milk plate count agar</b> Solid medium for the plate count of milk and dairy products, according to DIN and FIL/IDF standards	DIN FIL-IDF ISO		X		84643.0500
<b>MRS agar (ISO)</b> Solid medium for the enumeration of lactic acid bacteria from food and animal feeding stuffs (ISO 15214)	ISO 15214		X		84607.0500
<b>MRS broth</b> Liquid medium for the enrichment and cultivation of <i>Lactobacillus spp.</i> from all types of materials			X		84613.0500
<b>Mueller-Hinton Agar</b> Medium for determination of susceptibility of microorganisms to antimicrobial agents. In compliance with NCCLS and CLSI					84686.0500
<b>Muller-Kauffmann tetrathionate-novobiocin broth (MKTTN) (ISO)</b> Selective enrichment liquid medium used for the detection of <i>Salmonella spp.</i> (ISO 6579) <b>Supplements</b> Novobiocin MKTTn supplement Iodine iodide solution	ISO 6579		X		84624.0500  84722.0001 84723.0001
<b>Nutrient agar DEV (DEV nutrient agar)</b> For determining the total microbial count in water according to the German Standard Methods and the German regulation for food examination			X	X	84749.0500
<b>Nutrient agar no.1 (DIN)</b> Solid medium for cultivation of fastidious bacteria	DIN		X		84654.0500
<b>Nutrient broth (APHA)</b> Liquid medium for the cultivation of non fastidious microorganisms according to APHA	APHA		X		84662.0500
<b>Orange serum agar</b> Solid medium for the culture of aciduric organisms especially those associated with the spoilage of citrus products and their derivatives	APHA		X		84646.0500
<b>Oxford agar base</b> Selective and differential solid medium for the detection and isolation of <i>Listeria monocytogenes</i> <b>Supplement</b> Oxford supplement			X		84630.0500  84728.0001
<b>Oxytetracycline-glucose-yeast extract agar base (OGYE agar)</b> Solid culture medium for the total enumeration of yeasts and moulds <b>Supplement</b> Oxytetracycline selective supplement	ISO 13681 ISO 7954		X		84659.0500  928190NL
<b>Palcam agar base (ISO)</b> Selective and differential solid medium for the detection and isolation of <i>Listeria monocytogenes</i> <b>Supplement</b> Palcam supplement			X		84625.0500  84724.0001
<b>Plate count agar-PCA (ISO) (Standard methods agar)</b> Solid culture medium for the enumeration of microorganisms by the colony count technique	ISO 4833 ISO 8552	X	X	X	84608.0500 - 500 g 84608.5000 - 5 kg
<b>Potato dextrose agar (Ph. Eur., USP, JP)</b> Solid culture medium used for the detection and enumeration of yeast and moulds in food, specially recommended for dairy products and other samples and according to the Pharmacopeial harmonised methodology	Ph. Eur. USP JP APHA	X	X		84651.0500
<b>Potato Dextrose Broth</b> Liquid culture medium for the maintenance and multiplication of yeasts	ISO		X		84957.0500
<b>Pseudomonas agar base (ISO)</b> Base solid medium for the isolation and enumeration of <i>Pseudomonas aeruginosa</i> in water samples and <i>Pseudomonas spp.</i> in meat, milk and dairy products <b>Supplements</b> CN selective supplement CFC selective supplement PP selective supplement Glycerol	ISO 13720 ISO/TS 11059 ISO 16266		X	X	84650.0500  84745.0001 84746.0001 84747.0001 84730.0001
<b>Pseudomonas selective (Cetrimide) agar (Ph. Eur., USP, JP)</b> Solid medium for the selective isolation and differentiation of <i>Pseudomonas aeruginosa</i> <b>Supplement</b> Glycerol	Ph. Eur. USP, JP	X			84638.0500  84730.0001

DESCRIPTION	IN COMPLIANCE WITH	PHARMA	FOOD	WATER	CAT. NO.
<b>R2A agar</b> Solid medium for the enumeration of heterotrophic microorganisms in treated waters	Ph. Eur., USP, JP APHA	X	X	X	84671.0500
<b>Rappaport Vassiliadis (RVS) broth</b> Liquid medium for the selective enrichment of Salmonella in foodstuffs and other samples, according to ISO and FIL-IDF standards	ISO 6579 FIL-IDF		X		84656.0500
<b>Rappaport Vassiliadis Salmonella enrichment broth</b> Selective liquid medium used for the enrichment of Salmonella	Ph. Eur., USP, JP ISO	X	X		84658.0500
<b>Reinforced clostridial medium</b> A semi-solid medium for the enumeration and cultivation of Clostridia and other anaerobes in food and animal feeding stuffs. Basal medium for the preparation of Differential Reinforced Clostridial Medium	Ph. Eur. USP JP		X		84699.0500
<b>Raka Ray agar</b> Solid selective medium used for the detection and isolation of actic acid bacteria in the beer and brewing process			X		85051.0500
<b>Rose bengal chloramphenicol agar</b> Solid and selective medium for the isolation of yeasts and moulds from the environment and food products	APHA	X	X	X	84669.0500
<b>Sabouraud 4% dextrose agar</b> Solid medium for the enumeration and cultivation of fungi	Ph. Eur., USP, JP ISO	X	X		84663.0500
<b>Sabouraud 2% dextrose broth</b> Liquid sterility test medium for moulds and bacteria in pharmaceutical preparations	Ph. Eur., USP, JP ISO	X	X		84685.0500
<b>Selenite cystine broth</b> Enrichment medium for <i>Salmonella spp.</i> from foodstuffs samples	ISO 6785 USP APHA	X	X		84655.0500
<b>SDA with chloramphenicol</b> Medium for the enumeration and cultivation of fungi (yeast and mould)		X	X		84902.0500
<b>Slanetz and Bartley agar (ISO)</b> For detection and enumeration of intestinal enterococci by membrane filtration method	ISO 7899-2			X	84900.0500
<b>Slanetz Bartley agar (ISO)</b> Differential selective medium for the detection and enumeration of enterococci according to ISO Standard <b>Supplement</b> TTC sterile solution 1%	ISO			X	84907.0500  301950ZK
<b>SPS agar</b> Medium for detection of Clostridium perfringens in foods			X		84950.0500
<b>TCBS agar</b> Solid medium for the selective isolation of <i>Vibrio parahaemolyticus</i>	ISO 21872 WHO and APHA		X		84641.0500
<b>Tetrathionate crystal violet broth</b> Liquid medium for the selective enrichment of <i>Salmonella spp.</i> from meat and foodstuffs			X		84694.0500
<b>Triple sugar iron agar (ISO)</b> Solid medium for the differentiation of Enterobacteriaceae and for the confirmation test of Salmonella	ISO 6579		X		84698.0500
<b>Trytone yeast extract agar (ISO)</b> Solid medium used for the enumeration of water microorganisms according to ISO Standards	ISO 5667		X	X	84906.0500
<b>TSC (Tryptose sulphite cycloserine) agar (ISO)</b> Selective and differential medium for isolation and presumptive identification of Clostridium perfringens, according to ISO Standards <b>Supplements</b> D-Cycloserine selective supplement Egg Yolk sterile emulsion	ISO		X	X	84905.0500  928330NL 351430ZF
<b>Tryptic soy agar (Ph. Eur., USP, JP) (Casein soya bean digest agar)</b> General growth medium for isolation, enumeration and cultivation of microorganisms	Ph. Eur., USP, JP ISO	X	X	X	84602.0500
<b>Tryptic soy broth, non animal origin irradiated, triple wrapped</b> A gamma irradiated sterile medium, recommended for the evaluation of sterility in manufacturing process	Ph. Eur. USP JP	X			84855.0500 - 500 g 84855.5000 - 5 kg
<b>Tryptic soy agar + lecithin + Tween 80</b> Solid medium for environmental monitoring and for the detection of effectiveness of sanitisation procedures	Ph. Eur., USP, JP ISO FDA	X	X		84642.0500
<b>Tryptic soy agar non animal origin with agar K</b> Soli medium General growth medium for isolation, enumeration and cultivation of microorganisms	Ph. Eur., USP, JP	X			85055.0500
<b>Tryptic soy broth</b> A general purpose liquid medium used for cultivation of a wide variety of microorganisms and sterility testing	Ph. Eur. USP JP	X	X		84675.0500 - 500 g 84675.5000 - 5 kg
<b>Tryptic soy broth non animal origin</b> TSB non animal origin used for cultivation of a wide variety of microorganisms and sterility testing of moulds and lower bacteria	Ph. Eur. USP JP	X	X		84679.0500 - 500 g 84679.5000 - 5 kg
<b>Tryptic soy broth non animal origin irradiated</b> TSB non animal origin gamma irradiated sterile powder recommended for the evaluation of sterility in manufacturing process	Ph. Eur. USP JP	X	X		84674.0500 84674.5000 - 5 kg
<b>Tryptic soy broth irradiated</b> TSB gamma irradiated sterile powder recommended for the evaluation of sterility in manufacturing process	Ph. Eur. USP JP	X	X		84677.0500 - 500 g 84677.5000 - 5 kg
<b>Tryptone bile x-glucuronide agar – TBX (ISO)</b> Medium for the enumeration of $\beta$ -glucuronidase positive <i>E. coli</i> in food and animal feeding stuffs	ISO 16649-2		X		84637.0500
<b>Tryptose cycloserine agar (TCA) base</b> Medium for the isolation and the presumptive identification of Clostridium perfringens	ISO		X		85054.0500



DESCRIPTION	IN COMPLIANCE WITH	PHARMA	FOOD	WATER	CAT. NO.
<b>Tryptose sulphite cycloserine (TSC) agar</b> Medium for the enumeration of <i>Clostridium perfringens</i> in food and animal feeding stuffs <b>Supplement</b> d-Cycloserine supplement	ISO 7937 EN 26461-2 ISO 15213		X		84636.0500  84734.0001
<b>Urea agar base</b> Solid medium for the detection of urease <b>Supplement</b> Urea 40% solution	ISO 6785 ISO 6579		X		84653.0500  992830ZF
<b>Violet Red Bile (VRB) Agar MUG</b> Solid medium for the detection and enumeration of coliform bacteria including <i>Escherichia coli</i> in foodstuffs	-		X		84956.0500
<b>Violet red bile glucose (VRBG) agar - (ISO)</b> Solid medium for the detection and enumeration of Enterobacteriaceae	ISO 21528		X		84603.0500
<b>Violet red bile lactose (VRB) agar (ISO)</b> For the detection and enumeration of coliform bacteria	ISO 4832		X		84612.0500
<b>WL nutrient agar</b> Medium for the control of beer manufacturing processes			X		85945.0500
<b>Wort agar</b> General solid medium for the cultivation of fungi <b>Supplement</b> Glycerol			X		84661.0500  84730.0001
<b>Wort broth</b> Liquid medium for the production of yeasts suspensions <b>Supplement</b> Glycerol			X		84660.0500  84730.0001
<b>XLD (Xylose lysine deoxycholate) modified agar</b> Solid medium for isolation of enteropathogenic species, especially <i>Shigella</i> and <i>Salmonella</i> in food and animal feeding stuffs, according to ISO Standards	ISO 6579 ISO 21567	X	X		84667.0500
<b>Yeast extract agar modified according to ISO 6222</b> Solid medium for enumeration of microorganisms from water according to ISO 6222-1999	ISO 6222			X	84683.0500 - 500 g 84683.5000 - 5 kg
<b>Yeast extract dextrose chloramphenicol (YGC) agar</b> Solid medium for the selective isolation and enumeration of yeasts and moulds in milk and dairy products	ISO 7954 FIL-IDF DIN 10186		X		84604.0500
<b>Yeast and mould agar</b> Solid medium for the cultivation of fungi and aciduric microorganisms used for applications in brewing industry			X		85052.0500

## SUPPLEMENTS FOR DEHYDRATED CULTURE MEDIA



DESCRIPTION	SUPPLEMENT FOR	PK	AMOUNT OF MEDIA YOU CAN PREPARE	CAT. NO.
Bacillus cereus antimicrobial supplement	Mannitol egg yolk polymyxin agar base - MYP (ISO) Cat. No. 84635.0500	10 vials	500 ml each	84732.0001
BCYE $\alpha$ -growth supplement	Legionella CYE agar base (ISO) Cat. No. 84629.0500	4 vials	500 ml each	84726.0001
BCYE $\alpha$ -growth supplement without Cysteine	Legionella CYE agar base (ISO) Cat. No. 84629.0500	4 vials	500 ml each	84727.0001
Bolton broth selective supplement	Campylobacter bolton broth base Cat. No. 84697.0500	10 vials	500 ml each	84744.0001
Bolton CCD selective supplement	Campylobacter blood-free medium base Bolton - MCCDA Cat. No. 84695.0500	10 vials	500 ml each	84742.0001
CFC selective supplement	Pseudomonas agar base Cat. No. 84650.0500 - in compliance with ISO 13720 (meat products)	10 vials	500 ml each	84746.0001
Chloramphenicol	DG18 agar base Cat. No. 84632.0500	10 vials	500 ml each	84729.0001
CN selective supplement	Pseudomonas agar base Cat. No. 84650.0500 - in compliance with EN 12780; ISO 16266 (water)	10 vials	500 ml each	84745.0001
D-Cyloserine selective supplement	TSC (ISO) Cat. No. 84905.0500 and Cat. No. 85054.0500	10 vials	250 ml each 40 mg	928330NL 928610NL
d-Cyloserine supplement	Tryptose sulphite cycloserine (TSC) agar Cat. No. 84636.0500	10 vials	500 ml each	84734.0001
Egg yolk emulsion	Mannitol egg yolk polymyxin agar base - MYP (ISO) Cat. No. 84635.0500	50 ml bottle	2,5 l	84733.0001
Egg yolk tellurite sterile emulsion	Baird Parker agar Cat. No. 84664.0500	100 ml bottle	2 l	351430XF
Egg yolk emulsion	TSC agar (ISO) 84905.0500	125 ml bottle	1,56 l	351430ZF
Fraser half selective supplement	Fraser broth to prepare half Fraser broth Cat. No. 84611.0500	10 vials	225 ml each	84721.0001
Fraser selective supplement	Fraser broth Cat. No. 84611.0500	10 vials	500 ml each	84720.0001
Glycerol	Pseudomonas agar base Cat. No. 84650.0500, Pseudomonas selective (Cetrimide) agar (Ph. Eur., USP, JP) Cat. No. 84638.0500, Wort broth Cat. No. 84660.0500 and Wort agar Cat. No. 84661.0500	100 ml bottle	Up to 10 l (depending on application)	84730.0001
GVPC supplement	Legionella CYE agar base (ISO) Cat. No. 84629.0500	4 vials	500 ml each	84725.0001
Iodine iodide solution	Muller-kauffmann tetrathionate-novobiocin broth (MKTn) (ISO) Cat. No. 84624.0500	50 ml bottle	2,5 l	84723.0001
Karmali selective supplement	Karmali medium base Cat. No. 84696.0500	10 vials	500 ml each	84743.0001
Listeria enrichment supplement	Listeria selective agar according to Ottaviani & Agosti Cat. No. 84748.0500	10 vials	500 ml each	335032ZF
Listeria selective supplement	Listeria selective agar according to Ottaviani & Agosti Cat. No. 84748.0500	10 vials	500 ml each	928460NL
Listeria FDA FIL/IDF selective supplement	Listeria buffered enrichment broth base Cat. No. 84652.0500 Listeria enrichment supplement Cat. No. 335032ZF Listeria selective supplement Cat. No. 928460NL Listeria selective agar according to Ottaviani & Agosti Cat. No. 84748.0500	10 vials	500 ml each	928380NL
Novobiocin MKTn supplement	Muller-Kauffmann tetrathionate-novobiocin broth (MKTn) (ISO) Cat. No. 84624.0500	10 vials	500 ml each	84722.0001
Oxford supplement	Oxford agar base Cat. No. 84630.0500	10 vials	500 ml each	84728.0001
Oxytetracycline selective supplement	Oxytetracycline-glucose-yeast extract agar Cat. No. 84659.0500	10 vials	500 ml each	928190NL
Palcam supplement	Palcam agar base (ISO) Cat. No. 84625.0500	10 vials	500 ml each	84724.0001
PP selective supplement	Pseudomonas agar base Cat. No. 84650.0500 - in compliance with ISO 11059 (milk and dairy products)	10 vials	500 ml each	84747.0001
Rosolic acid selective supplement	Fecal coliforms agar (m-fc agar) Cat. No. 84644.0500	100 ml bottle	10 l	355070ZF
RPF supplement	Baird Parker agar Cat. No. 84664.0500 for the isolation of <i>Staphylococcus aureus</i> (ISO 6888-2:1999)	10 vials	100 ml each	602730ZL
TTC 1% solution	KF Streptococcus agar base Cat. No. 84633.0500	30 ml bottle	3 l	84731.0001
TTC sterile solution 1%	Lactose TTC Tergitol® 7 agar Cat. No. 84657.0500 and Slanetz Bartley agar (ISO) Cat. No. 84907.0500	100 ml bottle	Up to 35 l	301950ZK
Urea 40% solution	Urea agar base Cat. No. 84653.0500	100 ml bottle	2 l	992830ZF

## GRANULATED DEHYDRATED CULTURE MEDIA FOR MICROBIOLOGY

A further advancement in the quality with the introduction of the granulated culture media for microbiology.

Dehydrated culture media that has been granulated offers both functional and safety benefits. The granules dissolve faster and more easily in comparison to powders without forming lumps. This means that the solution is more homogenous throughout.

In addition, the granulation massively reduces dust generation so handling the product is more pleasant and safer for the user and generally makes for a much cleaner and safer working environment.

VWR granulated media is ISO and pharmacopoeia compliant.



DESCRIPTION	500 G	5 KG
Buffered Peptone Water	85948.0500	85948.5000
Violet Red Bile Glucose Agar	85949.0500	85949.5000
Yeast Glucose Chloramphenicol Agar	85832.0500	85832.5000
Tryptic Soy Broth	85833.0500	85833.5000
Tryptic Soy Agar	85834.0500	85834.5000
MacConkey Broth	85835.0500	85835.5000
Sabouraud Dextrose Agar	85836.0500	85836.5000
Plate Count Agar (Standard Methods Agar)	85941.0500	85941.5000

## CULTURE MEDIA, READY TO USE PLATES

For various microbiological applications.

### Pre-poured plates 55 mm

- Packed under cleanroom conditions to avoid contamination
- Manufactured to formulations compliant with Pharmacopoeias and ISO regulations
- Special RD-PACK packaging for 55 mm plates protects plates during transport and storage
- Packaging can be reused to transport the plates after use and is recyclable (PET)

### Supplied as either:

- Box of 30 plates containing 3 plastic bags with 3 RD-PACK PET reusable containers. Each RD-PACK package contains 10x 55 mm plates
- Box of 90 plates wrapped as above



MEDIA	APPLICATION	CLINICAL	WATER	PHARMA	FOOD	PK	CAT. NO.
Bile Aesculin azide agar	Solid medium for the confirmation and enumeration of enterococci in clinical samples and water samples by the MF technique according to ISO Standard 7899-2		X		X	3x 10	170082UA
CCA coliforms chromogenic agar	Solid, selective and differential culture medium for the detection and enumeration of total coliform and E. coli in water samples by the MF technique.		X			3x 10	173580ZA
			X			9x 10	173580ZAMP
CCA coliforms chromogenic agar (ISO)	Solid, selective and differential culture medium for the detection and enumeration of total coliform and E. coli in water samples by the MF technique acc. to ISO Standard 9308.		X			3x 10	175452ZA
Cetrimide (CN) agar	Selective solid medium used for the detection of Pseudomonas aeruginosa according to the EN 12780-2002 and ISO Standard 16266.		X			3x 10	170793NA
Cetrimide agar	Solid culture medium for selective isolation of Pseudomonas aeruginosa according to the Harmonised Pharmacopoeia monographs and test methods and ISO Standard 22717.			X		3x 10	170793ZA
				X		9x 10	170793ZAMP
Chromocult* coliform agar	Solid, selective and differential culture medium for the detection and enumeration of total coliform and E. coli in water samples by the MF technique.		X			3x 10	171274ZA
						9x 10	171274ZAMP
DEV agar	Medium for determining the total microbial count in water according to the German Standard Methods, German Drinking Water Regulations and the German Regulation for Food Examination.		X			3x 10	173554ZA
			X			9x 10	173554ZAMP
Endo LES agar	Medium for detecting and enumerating coliforms in water and foods by the MF technique.		X			3x 10	173241ZA
Lactose TTC agar with Tergitol-7	Medium for the detection of coliforms by membrane filtration in water analyses according to ISO Standard 9308-1:2000.		X			3x 10	171023ZA
MacConkey agar (Eur. Pharm.)	Medium used in the detection, isolation and enumeration of Salmonella and coliforms according to Harmonised Pharmacopoeia monographs and test methods and ISO Standard 21150:2006.	X	X	X	X	3x 10	170641ZA
Malt extract agar acidified	Medium for detection, isolation and enumeration of fungi, particularly yeast and moulds, also from air and water samples.		X	X	X	3x 10	170542YA
Mannitol salt agar	Selective medium for the isolation of pathogenic staphylococci according to Harmonised Pharmacopoeia monographs and test methods and ISO Standards.			X	X	3x 10	170560ZA
				X	X	9x 10	170560ZAMP
m-CP agar	Solid medium for the enumeration and isolation of Clostridium perfringens in water according to European Directive 12767/97.		X			3x 10	171400ZA
			X			9x 10	171400ZAMP
m-FC agar	Selective and differential medium for coliform enumeration by the MF technique.		X			3x 10	171380ZA
M-Green agar	Solid selective culture medium for enumeration of fungi according to ISO standard 10718:2002. Specially for brewery industries.		X		X	3x 10	171300ZA
			X		X	9x 10	171300ZAMP
Nutrient agar	Solid culture medium for general purpose use with less fastidious organisms according to 16266:2006 and ISO Standard EN 12780:2002.	X	X		X	3x 10	170692ZA
		X	X		X	9x 10	170692ZAMP
Orange serum agar	Solid medium for the culture of aciduric organisms especially those associated with the spoilage of citrus products and their derivatives.				X	3x 10	170731ZA
Plate Count Agar (PCA)	Medium for aerobic plate counts by the surface inoculation method (standard Plate Count Agar) according to ISO Standards 4833, 8552 and 17410 and IFU No. 6.		X	X	X	3x 10	170774ZA
R2A agar	Solid medium for the enumeration of heterotrophic microorganisms in treated waters according to Harmonised Pharmacopoeia monographs and test methods.		X	X		3x 10	170802ZI
Sabouraud 4% dextrose agar	Solid medium for the enumeration and cultivation of fungi according to Harmonised Pharmacopoeia monographs and test methods and ISO Standards.			X	X	3x 10	170884ZA
Sabouraud 4% dextrose chloram agar	Medium for the enumeration and cultivation of fungi.			X	X	3x 10	170884CF
Slanetz & Bartley agar	Differential selective medium for the detection and enumeration of enterococci according to ISO Standard 7899-2:2000.		X			3x 10	170980ZA
Slanetz & Bartley agar w/o TTC	Differential selective medium for the enumeration of enterococci in water.		X			3x 10	175160ZA
			X			9x 10	175160ZAMP
			X		X	3x 10	171320ZA
			X		X	9x 10	171320ZAMP
TGE agar	General solid medium for the enumeration of microorganisms by the MF technique.		X			3x 10	175350ZA
Tryptic Soy Agar (TSA)	General purpose solid medium containing animal and plant peptone according to Harmonised Pharmacopoeia monographs and test methods and ISO Standards.			X	X	3x 10	171114ZA
Tryptone yeast extract agar	Medium for the aerobic plate count in water samples according to ISO Standard 6222:1999 requirements.		X			3x 10	171250ZA
TSC agar	Solid selective and differential medium for isolation and presumptive identification of Clostridium perfringens, according to ISO Standards.				X	3x 10	171141AA
WORT agar	Medium for cultivation and enumeration of yeast.				X	3x 10	172321ZA

\*Chromocult® is a registered trademark of Merck KGaA, Darmstadt, Germany. This ready to use medium is made using only Chromocult® dehydrated media produced by Merck KGaA and Agar.

## PRE-POURED PLATES, 90 MM WITH SINGLE, DOUBLE OR TRIPLE WRAP

- Packed under cleanroom conditions to avoid contamination
- Manufactured to formulations compliant with Pharmacopoeias and ISO regulations
- The double or triple irradiated wrapping ensures that the package itself doesn't contaminate the cleanroom as the first wrapper is removed just before entering the clean area
- Available with certificate of irradiation/dosimetry
- VHP resistance studies available for all triple wrapped plates

*Supplied in box with 10 plates packed in a plastic shrink wrapped bag. Each bag contains 2 packs (20 plates), 3 packs (30 plates) or 12 packs (120 plates). For irradiated plates one pack per bag displays an irradiation indicator.*



DESCRIPTION	APPLICATION	CLINICAL	WATER	PHARMA	FOOD	PK	CAT. NO.
<b>Single wrapped</b>							
Bacillus cereus Mossel agar	Selective solid medium, according to Mossel, for the isolation and identification of Bacillus cereus from food samples according to ISO Standards.				X	20	100053UA
					X	120	100053UAMP
Baird Parker agar	Solid selective culture medium for the screening of staphylococci from a variety of samples, according to Harmonised Pharmacopoeia monographs and test methods and ISO Standards.				X	20	100063UA
					X	120	100063UAMP
Baird Parker RPF agar	Solid selective culture medium for the screening of staphylococci from a variety of samples, according to Harmonised Pharmacopoeia monographs and test methods and ISO Standards.				X	20	102950IM
					X	120	102950IMMP
Bile Aesculine azide agar	Solid medium for the confirmation and enumeration of enterococci in water by the membrane filtration method according to ISO 7899-2 Standard.		X		X	20	100082XA
			X		X	120	100082XAMP
Brilliant green agar	Medium for Salmonella isolation.				X	20	100121ZA
					X	120	100121ZAMP
Campylobacter CCDA	Selective plating medium used for the detection and enumeration of Campylobacter spp according to the ISO 10272-1:2006 Standard.				X	20	100191ZF
					X	120	100191ZFMP
Cetrimide agar	Solid culture medium for selective isolation of Pseudomonas aeruginosa according to Harmonised Pharmacopoeia monographs and test methods and ISO Standards.			X		20	100793ZA
				X		120	100793ZAMP
Chocolate agar, supplemented	Medium for the isolation and cultivation of fastidious microorganisms especially N.meningitidis, N gonorrhoeae and Haemophilus sp.	X				20	101591ZF
		X				120	101591ZFMP
Chromocult* Coliform agar	Solid, selective and differential culture medium for the detection and enumeration of total coliform and E. coli in water samples by MF technique.		X		X	20	101274ZA
			X		X	120	101274ZAMP
CLED agar	Cystine, lactose, electrolyte deficient medium, recommended for the isolation and identification of urinary pathogenic bacteria.	X				20	100222ZA
		X				120	100222ZAMP
Coliform chromogenic Agar (CCA)	Selective and differential medium for the detection and enumeration of coliforms and E. coli in water samples by MF technique.		X			20	105452ZA
Colorex Rambach® agar	Differential culture medium for non typhi Salmonella sp.	X			X	20	101294ZA
		X			X	120	101294ZAMP
Colorex Salmonella plus	Chromogenic medium for isolation of Salmonella spp. (ISO Standard 6579:2002).				X	20	102918ZA
					X	120	102918ZAMP
Colorex S Rambach® agar	Differential culture medium for non typhi Salmonella sp.				X	120	121294ZA
Columbia blood agar	General purpose medium for isolation and culture of microorganisms. The formula of the base complies with requirements included in Harmonised Pharmacopoeia monographs and test methods.	X				20	100253ZF
		X				120	100253ZFMP

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DESCRIPTION	APPLICATION	CLINICAL	WATER	PHARMA	FOOD	PK	CAT. NO.
Columbia CNA agar	Selective medium from isolation of Gram-positive cocci of clinical samples.	X				20	100253NF
		X				120	100253NFMP
CT-SMAC agar	A selective and differential medium for the detection, isolation and enumeration of <i>E. coli</i> serotype O157:H7 formulated according to ISO Standard 16654:2001.				X	20	100683AA
					X	120	100683AAMP
Dermatophyte Test Medium (DTM) agar	Selective and differential solid medium used for the isolation and presumptive identification of dermatophytes.	X				20	101345ZA
		X				120	101345ZAMP
DEV nutrient agar	Medium for determining the total microbial count in water according to the German Standard Methods.		X			20	103554ZA
			X			120	103554ZAMP
DG 18 metal agar	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.				X	20	102310XF
					X	120	102310XFMP
Dichloran Rose Bengal Chloramphenicol (RBC) metal agar	A selective medium for xerophilic moulds and yeast from dried and semi-dried foods.				X	20	103660XF
					X	120	103660XFMP
DNase test agar w. methyl green	Solid culture medium for the determination of the deoxyribonuclease activity of microorganisms, especially staphylococci and <i>Serratia</i> spp.	X			X	20	105025ZA
Eosin Methylene Blue agar (EMB)	Selective differential medium for the isolation and enumeration of coliforms according to ISO Standards and USP.	X				20	100331ZA
		X				120	100331ZAMP
Eugon LT 100 agar	Medium for aerobic mesophilic bacteria, in cosmetic products with and without preservatives according to ISO Standard 21149.			X		20	104862ZF
Gauze agar for actinomycete	Solid culture medium for the isolation and maintenance of actinomycetes.	X				20	104852AF
		X				120	104852AFMP
GMB - Mueller Hinton modified	Medium for antibiotic susceptibility testing of yeast and moulds.	X				20	100613DA
		X				120	100613DAMP
Hektoen enteric agar	Solid, selective and differential culture medium for isolation of pathogenic enterobacteria from contaminated samples according to ISO Standard 21567.				X	20	100371ZA
					X	120	100371ZAMP
Lactose TTC agar + Tergitol-7	Medium for the detection of coliforms by membrane filtration in water analyses according to ISO Standard 9308-1:2000.		X			20	101023ZA
			X			120	101023ZAMP
LB agar (Miller)	Solid medium for general purposes and recommended for use in molecular genetics studies of <i>Escherichia coli</i> .	X			X	20	102502ZA
Lecithin polysorbate Triton X agar	Universal culture media for a wide spectrum of applications with neutralisers.			X	X	20	101114SA
Legionella BCYE agar	Solid medium base used for the detection, isolation and enumeration of <i>Legionella</i> from water according to ISO Standards 11731:1998 and 11731-2:2004.		X			20	100460ZF
			X			120	100460ZFMP
Legionella selective (GVPC) agar	Solid medium base used for the detection, isolation and enumeration of <i>Legionella</i> from water according to the ISO Standards 11731:1998 and 11731-2:2004.		X			20	100460GF
			X			120	120460GF
Legionella w/o L-Cysteine agar	Selective medium for the study of Legionellaceae formulated according to ISO Standard 11731.		X			20	100460XF
			X			120	100460XFMP
Lethen modified agar	Solid medium for the primary screening of microorganisms in cosmetics according to the F.D.A..			X		20	102754OA
Listeria selective agar - Ottaviani Agosti - ISO 11290	Solid medium for the isolation of <i>Listeria</i> spp. and the presumptive identification of <i>L. monocytogenes</i> .				X	20	102898KA
					X	120	102898KAMP
MacConkey agar no. 3	Medium used in the detection, isolation and enumeration of <i>Salmonella</i> and coliforms according to Harmonised Pharmacopoeia monographs and test methods and ISO Standard 21150:2006.	X	X	X	X	20	100641ZA
		X	X	X	X	120	100641ZAMP
Malt extract + claromphenicol agar	Medium for detection, isolation and enumeration of fungi, particularly yeast and moulds, also from air and water samples.		X		X	20	100542CA
Malt extract agar	Medium for detection, isolation and enumeration of fungi, particularly yeast and moulds, also from air and water samples.		X		X	20	100544ZA
			X			120	100544ZAMP
Malt extract metal agar	Medium for detection, isolation and enumeration of fungi, particularly yeast and moulds, also from air samples according to ISO Standard 16000-17:2008.		X		X	20	100544XA
			X		X	120	100544XAMP
Mannitol salt agar	Selective medium for the isolation of pathogenic staphylococci according to Harmonised Pharmacopoeia monographs and test methods and ISO Standard 22718:2006.			X	X	20	100560ZA
					X	120	100560ZAMP
MRS agar	Solid culture medium for the isolation of lactobacilli according to ISO Standards 9332 and 15214 and IFU Methods 5, 7 and 9.				X	20	100582ZA
					X	120	100582ZAMP
MRS cysteine agar	Culture medium for lactobacilli supplemented with cystine.				X	20	100582JA
					X	120	100582JAMP
MRS cysteine agar 2					X	20	100581JA
					X	120	100581JAMP
MRS sorbic acid agar	Culture medium for lactobacilli and other acidophilus species.				X	20	100582XA
					X	120	100582XAMP
Mueller Hinton agar	Widely recommended medium for antibiotic and Sulphonamides susceptibility testing according to the Kirby-Bauer and the Ericsson methods.	X				20	100611ZA
		X				120	100611ZAMP
Mueller Hinton blood agar		X				20	100613IF
		X				120	100613IFMP



DESCRIPTION	APPLICATION	CLINICAL	WATER	PHARMA	FOOD	PK	CAT. NO.
Nickerson agar (BiGGY)	Culture medium for the isolation and identification of <i>Candida</i> sp.	X				20	102770ZA
		X				120	102770ZAMP
Nutrient + Bromthymol Blue + TTC	Culture medium for general purposes and less fastidious organisms.				X	20	100692PA
					X	120	100692PAMP
Nutrient agar	Solid culture medium for general purposes and less fastidious organisms according to ISO Standards 16266:2006 and 12780:2002.	X			X	20	100692ZA
		X			X	120	100692ZAMP
OGYE agar	Solid medium for detection and enumeration of fungi (yeast and moulds) from food samples according to ISO Standards.				X	20	100720ZA
					X	120	100720ZAMP
Orange serum agar	Solid medium for the culture of aciduric organisms especially those associated with the spoilage of citrus products and their derivatives.				X	20	100731ZA
					X	120	100731ZAMP
Palcam <i>Listeria</i> agar	Selective and differential medium for the detection, enumeration and isolation of <i>Listeria</i> sp.				X	20	100742ZA
					X	120	100742ZAMP
Plate Count Agar (PCA)	Medium for aerobic plate counts by the surface inoculation method (standard Plate Count Agar) according to ISO Standards 4833, 8552 and 17410 and IFU No. 6.		X	X	X	20	100774ZA
			X	X	X	120	100774ZAMP
Potato dextrose agar	Medium for yeast and moulds in foods, recommended in dairy products according to Harmonised Pharmacopoeia monographs and test methods.				X	20	100782ZA
					X	120	100782ZAMP
<i>Pseudomonas</i> CFC agar	Selective medium for isolation of <i>Pseudomonas</i> spp. in meat and meat products according to ISO Standard 13720.				X	20	101611ZA
					X	120	101611ZAMP
Rose Bengal Chloramphenicol (RBC) agar	Selective medium for isolation of yeast and moulds from the environment and food products.				X	20	100070ZA
					X	120	100070ZAMP
RPMI agar	Solid culture media recommended for the antifungal susceptibility test with rapid growing yeast and moulds ( <i>Candida</i> spp. and <i>Cryptococcus neoformans</i> ).	X				20	101938ZF
Sabouraud dextrose agar	Medium for the enumeration and cultivation of fungi, according to Harmonised Pharmacopoeia monographs and test methods			X		120	120884ZA
Sabouraud 4% maltose agar	Medium for the enumeration and cultivation of fungi according to USP and EP.			X		20	104744ZA
				X		120	104744ZAMP
Sabouraud 2% dextrose agar	Solid medium for the enumeration and cultivation of dermatophytes.	X				20	100882ZA
Sabouraud 4% dextrose agar	Solid medium for the enumeration and cultivation of fungi according to Harmonised Pharmacopoeia monographs and test methods and ISO Standards.			X	X	20	100884ZA
				X	X	120	100884ZAMP
Sabouraud 4% dextrose chloramphenicol agar	Medium for the enumeration and cultivation of fungi (yeast and mould).			X	X	20	100884CF
				X	X	120	100884CFMP
Sabouraud 4% dextrose cycloheximide agar	Medium for the enumeration and cultivation of pathogenic fungi (dermatophytes).			X		20	100884DA
				X		120	100884DAMP
Sakazakii agar	A solid medium, selective and differential for the presumptive isolation of <i>C. sakazakii</i> in samples of milk and dairy products, according to ISO/TS 22964.				X	20	103400ZF
					X	120	103400ZFMP
Salmonella shigella agar	Differential and selective solid medium for the isolation of <i>Salmonella</i> and some <i>Shigella</i> species from clinical specimens, foods, etc.				X	20	100911ZA
					X	120	100911ZAMP
Sheep blood polymyxin agar	General purpose medium for isolation and culture of microorganisms.	X				20	100250DF
		X				120	100250DFMP
Skirrow selective medium	Solid selective culture medium for the screening of staphylococci from a variety of samples according to Harmonised Pharmacopoeia monographs and test methods and ISO Standards.				X	20	102993AF
					X	120	102993AFMP
Slanetz and Bartley agar	Differential selective medium for the enumeration of enterococci in water formulated according to ISO Standard 7899-2:2000.		X			20	100980ZA
			X			120	100980ZAMP
SPS agar	Medium for the detection of <i>Clostridium</i> sulphite-reducing in food and water.				X	20	101320ZA
TBX agar	Selective medium for enumeration and detection of <i>E. coli</i> in foods and water formulated according to ISO Standard 16649-1:2001				X	20	101004ZA
					X	120	101004ZAMP
TCBS cholera agar (ISO 21872-2:2007)	Solid medium for the selective isolation of <i>Vibrio parahaemolyticus</i> according to the ISO Standards.				X	20	101011ZA
					X	120	101011ZAMP
Thayer Martin agar	Selective medium for <i>Neisseria</i> spp.	X				20	100353OF
		X				120	100353OFMP
Tryptic Soy Agar (TSA) (Eur. Ph.)	General purpose solid medium containing animal and plant peptone according to Harmonised Pharmacopoeia monographs and test methods and ISO Standards.	X		X	X	20	101114ZA
				X	X	120	101114ZAMP
				X		120	121114ZA
Tryptic Soy Agar (TSA) + 5% sheep blood	Nutrient rich medium suitable for the isolation of pathogenic microorganisms from clinical specimens.	X				20	101114IF
		X				120	101114IFMP
Tryptic Soy Agar + cycloheximide	General purpose medium containing animal and plant peptone, supplemented with Cycloheximide to suppress overgrowth of filamentous fungi.			X	X	20	101114AF
				X	X	120	101114AFMP
Tryptic Soy Agar (TSA) with 1% NaCl				X	X	20	101112DA
TSC agar + egg yolk	Medium recommended for isolation, cultivation and enumeration of <i>Clostridium perfringens</i> according to EN 13401 and EN 26461-2.				X	20	101141AA
					X	120	101141AAMP

DESCRIPTION	APPLICATION	CLINICAL	WATER	PHARMA	FOOD	PK	CAT. NO.
TSN agar	Solid selective medium for Clostridium perfringens isolation.	X			X	20	101370ZA
		X			X	120	101370ZAMP
Violet Red Bile agar (VRB)	Selective and differential agar for the detection and enumeration of coliforms.				X	20	101183ZA
					X	120	101183ZAMP
Violet Red Bile glucose agar	Selective solid medium for the enumeration of enterobacteria according to Harmonised Pharmacopoeia monographs and test methods and ISO Standard 21528				X	20	101203ZA
					X	120	101203ZAMP
XLD agar - according to ISO 6579	Medium for isolation of enteropathogenic species, especially Shigella and Salmonella in food and animal feeding stuffs according to ISO Standards.				X	20	103542ZF
XLD agar (EP)	Solid medium for the isolation of enteropathogenic species, especially Salmonella and Shigella according to Harmonised Pharmacopoeia monographs and test methods and ISO Standard 6340.			X	X	20	101241ZF
				X	X	120	101241ZFMP
XLD novobiocin agar	Medium for isolation of enteropathogen species, specially Salmonella in food and animal feedings stuffs, according to ISO Standard 6579:2002.			X	X	20	101241AF
XLT-4 agar	Solid culture medium for the selective and differential isolation of Salmonella spp. (except S.typhi and S.paratyphi).				X	20	101874ZA
					X	120	101874ZAMP
<b>Double wrapped</b>							
Tryptic Soy Agar (TSA) + natamycin agar	General purpose medium containing animal and plant peptone, supplemented with Natamycin to suppress overgrowth of yeast and mould.			X	X	20	111114NF
				X		120	111114NFMP
Wort agar - TLH	Medium for cultivation and enumeration of yeast.				X	20	112321TA
					X	120	112321TAMP
Yeast Glucose Chloramphenicol agar (YGC)	Solid and selective medium for the isolation and enumeration of fungi in milk and dairy products according to ISO 7954 and FIL-IDF 948 Standards.				X	20	112230CA
					X	120	112230CAMP
<b>Double wrapped - irradiated</b>							
Lethen modified agar	Medium for the primary detection of microorganisms in cosmetics according to the F.D.A..			X		20	112750ZI
				X		120	112750ZIMP
Plate Count Agar (PCA)	Medium for aerobic plate counts by the surface inoculation method (standard Plate Count Agar) according to ISO Standards 4833, 8552 and 17410 and IFU no. 6.		X	X	X	20	110774ZI
			X	X	X	120	110774ZIMP
R2A agar	Medium for the enumeration of heterotrophic microorganisms in treated waters.		X	X		20	110802ZI
			X	X		120	110802ZIMP
Rose Bengal Chloramphenicol (RBC) penase agar	Solid culture medium for the determination of the deoxyribonuclease activity of microorganisms, especially staphylococci and Serratia spp.				X	20	110070PY
					X	120	110070PYMP
Sabouraud 4% dextrose chloramphenicol agar	Medium for the enumeration and cultivation of fungi (yeast and mould).			X	X	20	110884CY
				X	X	120	110884CYMP
Sabouraud 4% dextrose agar	Solid medium for the enumeration and cultivation of fungi according to Harmonised Pharmacopoeia monographs and test methods and ISO Standards.			X	X	20	110884ZI
				X		120	110884ZIMP
Sabouraud dextrose agar + disinfectant neutralisers	Medium for the enumeration and cultivation of fungi according to Harmonised Pharmacopoeia monographs and test methods with neutralisers.			X		20	110884TI
				X		120	110884TIMP
TLH Standard 1 agar	General purpose medium for isolation and culture of microorganisms with neutralisers.			X	X	20	111110TI
				X		120	111110TIMP
Tryptic Soy Agar (TSA)				X	X	20	111114ZI
				X	X	120	111114ZIMP
Tryptic Soy Agar (TSA) + disinfectant neutralisers	General purpose medium for isolation and culture of microorganisms with neutralisers.			X	X	20	111114TI
				X	X	120	111114TIMP
Tryptic Soy Agar (TSA) penase	General purpose medium for isolation and culture of microorganisms with Penicillinase.			X		20	111114PY
				X		120	111114PYMP
Tryptic Soy Agar (TSA) penase + disinfectant neutraliser	General purpose medium for isolation and culture of microorganisms with Penicillinase and neutralisers.			X		20	111114RY
				X		120	111114RYMP
<b>Triple wrapped - irradiated</b>							
R2A agar	Solid medium for the enumeration of heterotrophic microorganisms in treated waters according to Harmonised Pharmacopoeia monographs and test methods.		X	X		30	130802ZI
			X	X		120	130802ZIMP
Sabouraud 4% dextrose agar	Solid medium for the enumeration and cultivation of fungi according to Harmonised Pharmacopoeia monographs and test methods and ISO Standards.			X	X	30	130884ZI
				X		60*	280882ZI
Sabouraud 4% dextrose agar (SD) + disinfectant neutralizers	Application: Solid medium for the enumeration and cultivation of fungi - Storage at room temperature			X	X	60	280882TI
Sabouraud 4% dextrose chlor. agar	Solid medium for the enumeration and cultivation of fungi.			X	X	30	130884CY
Tryptic Soy Agar (TSA)	General purpose solid medium containing animal and plant peptone according to Harmonised Pharmacopoeia monographs and test methods and ISO Standards.			X		30	131114ZI
				X		60*	281112ZI
				X		120	131114ZIMP
Tryptic Soy Agar (TSA) + disinfectant neutralisers	General purpose medium for isolation and culture of microorganisms with neutralisers.			X		30	131114TI
				X		60*	281112TI
				X		120	131114TIMP

DESCRIPTION	APPLICATION	CLINICAL	WATER	PHARMA	FOOD	PK	CAT. NO.
Tryptic Soy Agar (TSA) + Penase	Application: General purpose medium for isolation and culture of microorganisms with Penicillinase			X		20	131114PY
Tryptic Soy Agar (TSA) + disinfectant neutralisers + B-Lactamase	Solid medium for the enumeration and cultivation of fungi according to the Pharmacopoeial Harmonised Methods and ISO Standards.			X		30	131112RY
Tryptic Soy Agar (TSA) penase + disinfectant neutralisers	General purpose medium for isolation and culture of microorganisms with Penicillinase and neutralisers.			X		30	131114RY
				X		120	131114RYMP

\*Room temperature storage



## CONTACT PLATES IN BAGS, IRRADIATED

Ideal for monitoring the microbiological contamination of surface and air inside cleanrooms, isolators and Restricted Access Barrier Systems (RABS).

- Manufactured to formulations compliant with Pharmacopoeias and ISO regulations
- The double or triple irradiated wrapping ensures that the package itself doesn't contaminate the cleanroom as the first wrapper is removed just before entering the clean area
- Special RD-PACK packaging can be reused to transport the plates after use and is recyclable (PET)
- Available with disinfectant neutralisers TLHTh (tween, lecithin, histidine, thiosulphate) neutraliser suitable for microbiological control of surfaces
- Available with certificate of irradiation/dosimetry
- VHP resistance studies available for all triple wrapped plates

**Supplied as 8 RD-PACK PET reusable containers with double or triple hermetic irradiated wrapping. Each RD-PACK package contains 10 plates with a total of 80 plates.**

DESCRIPTION	APPLICATION	PACKAGING	CLINICAL	WATER	PHARMA	FOOD	PK	CAT. NO.
Plate Count Agar (PCA)	Aerobic plate count for environmental control (air and surfaces).	Triple irradiated				X	8x 10	140774ZI
Plate Count Agar (PCA) + disinfectant neutralisers	Aerobic plate count for environmental control of surfaces treated with detergents or disinfectants.	Triple irradiated				X	8x 10	140774TI
Rose Bengal Chloramphenicol (RBC) agar	Solid and selective medium for the isolation of yeasts and moulds from the environment and food products.	Triple irradiated	X		X		8x 10	140070ZI
Sabouraud 4% Dextrose Agar (SDA)	Isolation and count of yeasts and moulds from the environment, according to Harmonised Pharmacopoeial monographs and test methods.	Triple irradiated			X		8x 10	140884ZI
Sabouraud 4% Dextrose Agar (SDA) + disinfectant neutralisers	Isolation and count of yeasts and moulds from surfaces treated with detergents or disinfectants according to Harmonised Pharmacopoeial monographs and test methods.	Triple irradiated			X		8x 10	140884TI
Sabouraud 4% Dextrose Chloramphenicol agar	Isolation and count of yeasts and moulds for environmental control (air and surfaces).	Triple irradiated	X		X		8x 10	140884CY
Tryptic Soy Agar (TSA)	Aerobic plate count for environmental control (air and surfaces) according to Harmonised Pharmacopoeia monographs and test methods.	Triple irradiated	X		X		8x 10	141114ZI
Tryptic Soy Agar (TSA) penase	Aerobic plate count for environmental control of surfaces in antibiotic production plants.	Triple irradiated			X		8x 10	141114PY
Tryptic Soy Agar (TSA) penase + disinfectant neutralisers	Aerobic plate count for environmental control of surfaces treated with detergents or disinfectants antibiotic production plants.	Triple irradiated			X		8x 10	141114RY
Tryptic Soy Agar (TSA) + disinfectant neutralisers	Aerobic plate count for surfaces control of surfaces treated with detergents or disinfectants according to Harmonised Pharmacopoeia monographs and test methods.	Triple irradiated			X		8x 10	141114TI
Violet Red Bile (VRB) agar	Selective solid medium for the enumeration of Enterobacteria, according to ISO Standard 21528 and Harmonised Pharmacopoeia monographs and test methods.	Double - NOT irradiated	X		X	X	8x 10	151203ZA



## CONTACT PLATES IN BLISTER, IRRADIATED

Ideal for monitoring the microbiological contamination of surface and air inside cleanrooms, isolators and RABS.

- Manufactured to formulations compliant with Pharmacopoeias and ISO regulations
- The double or triple irradiated wrapping ensures that the package itself doesn't contaminate the cleanroom as the first wrapper is removed just before entering the clean area
- Plates are packed in packs of 6x 1 single plate packaging per blister
- Available with disinfectant neutralisers TLHTh (tween, lecithin, histidine, thiosulphate) neutraliser suitable for microbiological control of surfaces
- Available with certificate of irradiation/dosimetry
- VHP resistance studies available for all triple wrapped plates

*Double irradiated packaging consists of 30 plate packs comprise of 5 blisters with one additional cellophane bag. Triple irradiated packaging consists of 24 plate packs comprise of 4 blisters and additional two cellophane bags An irradiation indicator is featured on each blister with irradiation packaging.*

DESCRIPTION	APPLICATION	CLINICAL	WATER	PHARMA	FOOD	PK	CAT. NO.
<b>Double wrapped - NOT irradiated</b>							
Mannitol salt agar (Chapman agar)	Selective medium for the isolation of pathogenic staphylococci according to Harmonised Pharmacopoeia monographs and test methods and ISO Standards.			X	X	5x 6 blisters	250560ZA
Violet Red Bile agar (VRB)	Medium for the detection and enumeration of coliforms in milk and other dairy products according to APHA and ICMSF, FIL-IDF and ISO Standards.	X		X	X	5x 6 blisters	251183ZA
<b>Double wrapped - irradiated</b>							
Baird Parker agar	Solid selective culture medium for the screening of staphylococci from a variety of samples according to Harmonised Pharmacopoeia monographs and test methods and ISO Standards.				X	5x 6 blisters	250063UA
						20x 6 blisters	250063UAMP
Rose Bengal agar	Solid and selective medium for the isolation of yeasts and moulds from the environment and food products.	X		X	X	5x 6 blisters	250070ZI
		X		X	X	20x 6 blisters	250070ZIMP
Malt extract agar + chloramphenicol	Medium for detection, isolation and enumeration of fungi, particularly yeast and moulds, also from air and water samples.				X	5x 6 blisters	250542CA
Malt extract agar					X	5x 6 blisters	250544ZI
MacConkey agar (Eur. Pharm.)	Selective and differential medium for Salmonella and coliforms according to Harmonised Pharmacopoeia monographs and test methods and ISO Standard 21150:2006.	X		X	X	5x 6 blisters	250641ZA
Plate Count Agar (PCA) + disinfectant neutralisers	General purpose medium with neutralisers for isolation and enumeration microorganisms in surfaces.	X			X	5x 6 blisters	250774TI
Plate Count Agar (PCA)	Medium for aerobic plate counts by the surface inoculation method (standard Plate Count Agar) according to ISO Standards 4833, 8552 and 17410 and IFU No. 6.	X			X	5x 6 blisters	250774ZI
Cetrimide agar	Medium for selective isolation of Pseudomonas aeruginosa on monitored surfaces according to Harmonised Pharmacopoeia monographs and test methods.			X		5x 6 blisters	250793ZI
Sabouraud 4% dextrose chloramphenicol agar	Medium for the enumeration and cultivation of yeast and fungi on surfaces.			X	X	5x 6 blisters	250884CY
				X	X	20x 6 blisters	250884CYMP
Sabouraud 4% dextrose agar + disinfectant neutralisers	Medium with neutralisers for the enumeration and cultivation of fungi according to Harmonised Pharmacopoeia monographs and test methods on surfaces.			X	X	5x 6 blisters	250884TI

DESCRIPTION	APPLICATION	CLINICAL	WATER	PHARMA	FOOD	PK	CAT. NO.
Sabouraud 4% dextrose agar	Solid medium for the enumeration and cultivation of fungi according to Harmonised Pharmacopoeia monographs and test methods and ISO Standards.			X	X	5x 6 blisters	250884ZI
Tryptic Soy Agar (TSA) + disinfectant neutralisers + $\beta$ -Lactamase	General purpose medium with neutralisers and beta-lactams inhibitors, for cultivation and enumeration of microorganisms.			X		5x 6 blisters	251112RY
Tryptic Soy Agar (TSA) agar + cycloheximide	General purpose medium for total count supplemented with Cycloheximide to suppress overgrowth of filamentous fungi.			X		5x 6 blisters	251114AF
				X		20x 6 blisters	251114AFMP
Tryptic Soy Agar (TSA) + penase	General purpose medium for isolation and culture of microorganisms with penase.			X		5x 6 blisters	251114PY
				X		20x 6 blisters	251114PYMP
Tryptic Soy Agar (TSA) + penase + disinfectant neutralisers	General purpose medium for isolation and culture of microorganisms with Penicillinase and neutralisers.			X		5x 6 blisters	251114RY
				X		20x 6 blisters	251114RYMP
Tryptic Soy Agar (TSA) + disinfectant neutralisers	General purpose medium with neutralisers, for enumeration of total aerobics on surfaces.	X		X	X	5x 6 blisters	251114SI
		X		X	X	20x 6 blisters	251114SIMP
	General purpose solid medium containing animal and plant peptone and neutralisers according to Harmonised Pharmacopoeia monographs and test methods and ISO Standards.	X		X	X	5x 6 blisters	251114TI
						20x 6 blisters	251114TIMP
Tryptic Soy Agar (TSA)	General purpose medium containing animal and plant peptone according to Harmonised Pharmacopoeia monographs and test methods.	X		X	X	5x 6 blisters	251114ZI
						20x 6 blisters	251114ZIMP
Violet Red Bile (VRB) agar	Medium for the detection and enumeration of coliforms in milk and other dairy products according to APHA and ICMSF, FIL-IDF and ISO Standards.	X		X	X	5x 6 blisters	251183ZA
Violet Red Bile (VRB) dextrose agar + disinfectant neutralisers	Medium for the enumeration of Enterobacteria according to Harmonised Pharmacopoeia monographs and test methods containing neutralisers.	X		X	X	5x 6 blisters	251203TA
		X		X	X	20x 6 blisters	251203TAMP
Violet Red Bile (VRB) dextrose agar	Medium for the enumeration of Enterobacteria according to Harmonised Pharmacopoeia monographs and test methods.	X		X	X	5x 6 blisters	251203ZA
<b>Triple wrapped - irradiated</b>							
Plate Count Agar (PCA) + disinfectant neutralisers	General purpose medium with neutralisers for isolation and enumeration microorganisms in surfaces.	X		X	X	4x 6 blisters	270774TI
Plate Count Agar (PCA)	Medium for aerobic plate counts by the surface inoculation method (standard Plate Count Agar) according to ISO Standards 4833, 8552 and 17410 and IFU No. 6.	X		X	X	4x 6 blisters	270774ZI
Sabouraud 4% dextrose agar + disinfectant neutralisers	Medium with neutralisers for the enumeration and cultivation of fungi, on surfaces according to Harmonised Pharmacopoeia monographs and test methods.			X		4x 6 blisters	270884TI
Sabouraud 4% dextrose agar	Solid medium for the enumeration and cultivation of fungi according to Harmonised Pharmacopoeia monographs and test methods and ISO Standards.			X		4x 6 blisters	270884ZI
Tryptic Soy Agar (TSA) + penase + disinfectant neutralisers	General purpose solid medium for enumeration of total aerobics in surfaces according to Pharmacopoeial Harmonised Method and ISO Standards			X		4x 6 blisters	271114RY
Tryptic Soy Agar (TSA) + disinfectant neutralisers				X		4x 6 blisters	271114TI
Tryptic Soy Agar (TSA)	General purpose solid medium containing animal and plant peptone according to Pharmacopoeial Harmonised Method and ISO Standards.	X		X		4x 6 blisters	271114ZI

# CULTURE MEDIA, READY TO USE, IN TUBES

For various microbiological uses.

- Compact packaging, glass tubes are fitted with aluminium screw caps
- Name of the media, batch number and expiry date ink printed on every single tube

Supplied in boxes of 20, 50 or 120 tubes.



MEDIA	APPLICATION	CLINICAL	WATER	PHARMA	FOOD	PK	CAT. NO.
Azide broth (Rothe)	Medium for the detection and enumeration of enterococci in water.		X		X	20x 9 ml	690042ZA
			X		X	120x 9 ml	690042ZAMP
Brain heart infusion broth (BCC)	General purpose solid medium for fastidious pathogenic microorganisms.	X	X		X	20x 10 ml	600113ZA
Brilliant green 2% bile broth	Liquid medium for the detection and enumeration of coliforms in water according to ISO Standard 4831:2006.		X		X	20x 5 ml	650144ZA
Brilliant green bile broth	Liquid medium used for the detection of coliforms in water, as recommended by APHA and ISO Standards.		X		X	20x 9 ml	690144ZA
			X		X	120x 9 ml	690144ZAMP
Brilliant Green 2% bile broth	Liquid medium for the detection and enumeration of coliforms in water according to ISO Standard 4831:2006.				X	20x 10 ml	730144WA
					X	120x 10 ml	730144WAMP
Buffered peptone water 0,1%	General enrichment or diluent.	X		X	X	20x 10 ml	601314ZA
		X		X	X	120x 10 ml	601314ZAMP
Buffered peptone water	Dilution and non selective pre-enrichment liquid medium according to ISO Standards 6579, 6785, 6887 and 8261.	X			X	20x 9 ml	610173ZA
Buffered peptone water 0,1% (Eur. Pharm.)	Diluent for the homogenisation of samples according to Harmonised Pharmacopoeia monographs and test methods and ISO Standards.	X		X	X	20x 9 ml	611314ZA
DEV nutrient agar	Medium for determining the total microbial count in water according to the German Standard Methods.		X			20x 15 ml	733552ZA
E.C. broth Durham tube 16x112 mm	Selective medium for the detection and enumeration (MPN) of enterobacteria, in water and foodstuffs according to ISO Standards.				X	20x 9 ml	601450ZA
EE Mossel broth	Selective enrichment of all species of Enterobacteriaceae according to Harmonised Pharmacopoeia monographs and test methods.			X		20x 9 ml	600304ZA
				X		120x 9 ml	600304ZAMP
Eugon LT100 broth	Liquid medium used for the enrichment of aerobic bacteria including E. coli, in cosmetic products with and without preservatives according to ISO Standards.			X		20x 9 ml	613420SA
Fluorocult® LMX broth modified	Selective broth for simultaneous detection of coliform bacteria and E. coli in water and food.		X		X	20x 2 ml	602524ZF
Fraser broth	Broth for the selective enrichment of Listeria monocytogenes according to ISO Standards.				X	20x 10 ml	600343ZF
					X	120x 10 ml	600343ZFMP
Giolitti Cantoni broth	Liquid medium used for the recovery and enumeration of low numbers of coagulase-positive staphylococci in foods according to ISO, FIL-IDF and EN Standards.				X	20x 19 ml	710360ZF
					X	120x 19 ml	710360ZFMP
					X	20x 9 ml	610360ZF
					X	120x 9 ml	610360ZFMP
					X	20x 10 ml	790360WF
					X	120x 10 ml	790360WFMP
Glucose agar	Solid medium for the confirmation of enterobacteria in diverse samples according to ISO Standards.				X	20x 7 ml	603572ZA
Kanamycin Aesculin broth	Selective medium for the isolation Enterococci.				X	20x 9 ml	611830ZA
Kligler agar, slope	Differential medium for Enterobacteria according to ISO Standard 6340.	X			X	20x 7,5 ml	640431ZA
		X			X	120x 7,5 ml	640431ZAMP
Lactose broth	Liquid culture medium used as a preliminary test for coliform bacteria, formulated according to ISO Standard 4831:2006.		X	X		20x 10 ml	690440ZA
Lactose sulphite broth	Clostridium perfringens selective detection of spores.		X			50x 10 ml	AX011180



MEDIA	APPLICATION	CLINICAL	WATER	PHARMA	FOOD	PK	CAT. NO.
Lauryl sulphate broth	Selective medium used as a presumptive test for coliforms and pre-enrichment broth for coliform organisms. Liquid medium used for the detection and enumeration of coliform bacteria according to IDF-FIL 73B and ISO Standards.				X	20x 5 ml	650450ZA
					X	120x 9 ml	690450ZAMP
					X	20x 9 ml	690450ZA
Lauryl sulphate broth MUG (Durham)			X		X	120x 9 ml	690450XAMP
			X		X	20x 9 ml	690450XA
LB Miller broth	Liquid medium for general purposes and molecular genetics studies of <i>Escherichia coli</i> .	X			X	20x 5 ml	632512ZA
Lethen broth	Liquid culture medium used for the determination of germicidal activity coefficients of cationic detergents.			X		20x 10 ml	601580ZA
				X		20x 9 ml	611585ZA
				X		120x 9 ml	611585ZAMP
Löwenstein-Jensen medium	Culture and differentiation of <i>Mycobacterium</i> species.	X				20x 6,5 ml	640504ZA
		X				120x 6,5 ml	640504ZAMP
Löwenstein-Jensen pyruvate medium		X				20x 6,5 ml	640504XA
Lysine iron agar, slope	Differential medium for Enterobacteria.	X				20x 7,5 ml	640511ZA
		X				120x 7,5 ml	640511ZAMP
MacConkey broth purple + Durham	Liquid medium, for the detection and enumeration of coliforms according to Harmonised Pharmacopoeia monographs and test methods.		X	X	X	120x 9 ml	690674ZAMP
			X	X	X	20x 9 ml	690674ZA
Mannitol Motility test	Medium for the verification of motility and mannitol fermentation in enterobacteria.	X			X	20x 9 ml	601850ZA
Maximum recovery diluent	Widely used isotonic diluent in microbiology for maximum recovery of microorganisms formulated according to ISO Standard 6887-1.				X	20x 9 ml	613120ZA
M broth	Liquid medium for an accelerated cultivation of <i>Salmonella</i> sp. within the enrichment serology procedure.				X	20x 9 ml	613270ZA
Motility Indole Ornithine medium (MIO)	Medium used for the demonstration of motility, indole production and ornithine-decarboxylase activity of enterobacteria.				X	20x 9 ml	651820ZA
		X			X	120x 9 ml	651820ZAMP
MRS agar	Solid culture medium for the isolation of lactobacilli according to ISO Standards 9332 and 15214 and IFU Methods 5, 7 and 9.				X	20x 20 ml	720582ZA
					X	120x 20 ml	720582ZAMP
MRS broth	Culture medium for lactobacilli according to de Man, Rogosa and Sharpe. Culture medium for lactobacilli.				X	20x 10 ml	600592ZA
					X	20x 9 ml	690592ZA
MR-VP medium	Classic liquid medium used for differential tests (Voges-Proskauer and Methyl Red) in Enterobacteriaceae according to ISO and FIL-IDF Standards.	X				20x 10 ml	600531ZA
		X				120x 10 ml	600531ZAMP
Mueller Hinton broth + supplement	Culture medium for lactobacilli according to de Man, Rogosa and Sharpe.				X	120x 10 ml	600621ZAMP
Müller-Kauffmann Tetrathionate broth	Medium used for the selective enrichment of salmonellae according to ISO Standards.				X	20x 10 ml	601030ZA
O/F glucose medium	Fluid medium used for determining the oxidative and/or fermentative metabolism of Gram-negative bacilli.				X	20x 10 ml	651810ZA
Orange serum agar	For the isolation, cultivation and enumeration of acid-tolerant spoilage microorganisms in fruit juice.				X	20x 19 ml	730731ZA
					X	120x 19 ml	730731ZAMP
Orange serum agar acid	Culture media for the isolation and enumeration of acid-tolerant microorganisms in fruit juices.				X	20x 20 ml	730733IA
					X	120x 20 ml	730733IAMP
Palcam broth	Enrichment broth for <i>Listeria</i> sp.				X	20x 10 ml	601410ZF
Peptone water	Substrate with low nutrient capacity, for the detection of indol production in coliform microorganisms according to ISO Standard 7251.				X	20x 9 ml	610753ZA
Peptone water 0,1%	General enrichment or diluent.			X		50x 9 ml	AX011186
Plate Count Agar (PCA)	Medium for aerobic plate counts by the surface inoculation method (standard Plate Count Agar) according to ISO Standards 4833, 8552 and 17410 and IFU No. 6.		X	X	X	20x 20 ml	720774ZA
			X	X	X	20x 15 ml	730774ZA
			X	X	X	120x 15 ml	730774ZAMP
Rappaport Vassiliadis broth	Liquid medium for the selective enrichment of <i>Salmonella</i> in foodstuffs and other samples, according to ISO and FIL-IDF Standards.				X	20x 10 ml	600834ZA
					X	120x 10 ml	600834ZAMP
Rappaport Vassiliadis broth (Eur. Pharm.)	Selective liquid medium used for the enrichment of <i>Salmonella</i> according to Harmonised Pharmacopoeia monographs and test methods and ISO Standards.			X		20x 10 ml	603552ZA
				X		120x 10 ml	603552ZAMP
Ringer solution	Isotonic solution for cellular suspensions.			X	X	20x 10 ml	601770ZA
				X	X	20x 9 ml	611770ZA
				X	X	50x 9 ml	AX011139
RVS broth	<i>Salmonella</i> selective enrichment.				X	50x 10 ml	AX011124
Saboraud dextrose broth	Liquid medium for fungal isolation and sterility test according to Harmonised Pharmacopoeia monographs and test methods.			X	X	20x 9 ml	600894ZA
Sabouraud 4% dextrose chloramphenicol agar	Medium for the enumeration and cultivation of fungi (yeast, moulds and dermatophytes).			X		20x 6,2 ml	640884CA
Sabouraud + Chloramphenicol + Cycloheximide	Medium for the enumeration and cultivation of pathogenic fungi (dermatophytes).	X			X	20x 6,2 ml	640884DA
		X			X	120x 6,2 ml	640884DAMP
Sabouraud dextrose chloramphenicol agar	Medium for the enumeration and cultivation of fungi (yeast, moulds and dermatophytes).			X	X	20x 15 ml	730884CA
				X	X	120x 15 ml	730884CAMP
Saline + 0,1% peptone broth	Isotonic diluent for the maximal recovery of stressed microorganisms according to ISO Standards.				X	20x 9 ml	613155ZA
					X	120x 9 ml	613155ZAMP
Saline + PolySorbate	Diluent for the homogenisation with neutralisers of food samples according to Harmonised Pharmacopoeia monographs and test methods.			X	X	20x 10 ml	602600OA

MEDIA	APPLICATION	CLINICAL	WATER	PHARMA	FOOD	PK	CAT. NO.
Selenite broth	Liquid medium used for the enrichment of Salmonella and Shigella from clinical specimens and other products according to ISO Standards.	X			X	20x 10 ml	600944ZA
Selenite cystine broth		X			X	20x 10 ml	600954ZA
		X			X	120x 10 ml	600954ZAMP
Simmons citrate agar	Solid medium for verifying citrate utilisation by enterobacteria according to the ISO Standard 10273.	X			X	20x 6,2 ml	640971ZA
					X	120x 6,2 ml	640971ZAMP
Sodium chloride peptone broth + neutralisers	Microbial contaminants diluent (Ph. Eur. harmonised, pH Fr X)			X		50x 9 ml	AX011158
SPS agar DC	Medium for detection, isolation and enumeration of Clostridium perfringens and Clostridium botulinum in food.				X	20x 10 ml	761320WA
					X	120x 10 ml	761320WAMP
SPS agar (Perfringens selective agar)	Medium for the detection of Clostridium sulphite-reducing in food and water.				X	20x 10 ml	601320ZA
SPS agar + paraffin (Perfringens selective agar)			X		X	20x 10 ml	601320XA
			X		X	120x 10 ml	601320XAMP
β-Glucuronidase	Broth for detection of β-glucuronidase.			X	X	20x 2 ml	632100ZF
	Broth for detection of β-glucuronidase.			X	X	120x 2 ml	632100ZFMP
TAT broth + Tween 20	Culture from highly viscous/gelatinous materials.			X		50x 9 ml	AX011155
Thioglycollate medium (Harm. Ph.)	Fluid medium used for sterility testing according to the Eur. Pharm., USP, FDA, and for the cultivation of microaerophilic and anaerobic organisms.			X		20x 9 ml	621051ZA
TB Lethen	Bacterial activity of quaternary ammonium compounds.			X		50x 5 ml	AX011192
Todd Hewitt broth	Cultivation of streptococci prior to serological grouping.	X				20x 10 ml	601060ZA
Todd Hewitt + antibiotic	Cultivation of streptococci prior to serological grouping or general purpose medium.	X				20x 10 ml	601060AA
Todd Hewitt + antibiotic		X				120x 10 ml	601060AAMP
Triple Sugar Iron agar (TSI)	Differential medium for the identification of enterobacteria according to ISO Standards 6579, 6785 and 10272.	X			X	20x 7,5 ml	641071ZA
Tryptic Soy Agar (TSA)	Total aerobic count.			X	X	50x 15 ml	AX011101
Tryptic Soy Broth (TSB)	Highly nutrient medium for general purposes (USP, FDA, EP).			X	X	50x 9 ml	AX011176
Tryptic Soy Agar (TSA) slope	Universal culture media for a wide spectrum of applications according to Harmonised Pharmacopoeia monographs and test methods.			X	X	20x 6,2 ml	641114ZA
				X	X	20x 10 ml	601121ZA
Tryptic Soy Broth (TSB) USP, FDA, Eu. Ph.	Highly nutrient liquid medium for general purpose use according to Harmonised Pharmacopoeia monographs and test methods.			X	X	20x 9 ml	611121ZA
				X	X	20x 15 ml	751121ZA
				X	X	120x 15 ml	751121ZAMP
				X	X	20x 10 ml	601121OA
Tryptic Soy Broth (TSB) + Tween	Highly nutrient liquid medium for general purpose use according to USP, FDA and Eu. Ph. regulations.			X	X	20x 10 ml	601121OA
Tryptic Soy Broth (TSB) + Tween 0,1%	Highly nutrient liquid medium for general purpose use according to Harmonised Pharmacopoeia monographs and test methods.			X		20x 9 ml	611122OA
Tryptone water	Substrate for dilution and non selective enrichments and for the research of indole production in coliforms formulated according to ISO Standard 7251.				X	20x 10 ml	601083ZA
Tryptone yeast extract agar	Medium for the aerobic plate count in water samples according to ISO Standard 6222:1999.		X			20x 15 ml	731250ZA
			X			120x 15 ml	731250ZAMP
Tryptic Soy Agar (TSA)	Universal culture media for a wide spectrum of applications according to Harmonised Pharmacopoeia monographs and test methods.			X		20x 15 ml	731114ZA
Tryptic Soy Broth (TSB) + neutralisers	Highly nutrient liquid medium for general purposes with neutralisers formulated according to Harmonised Pharmacopoeia monographs and test methods.			X		20x 20 ml	721115TA
				X		120x 20 ml	721115TAMP
TSC agar	Clostridium perfringens isolation (EN 26461-2).				X	50x 20 ml	AX011129
TSN agar	Detection and enumeration of Clostridium perfringens.	X			X	20x 10 ml	601370ZA
		X			X	120x 10 ml	601370ZAMP
Urea broth	Liquid medium for the detection of urease in enterobacteriae.	X				20x 2 ml	661161ZA
					X	120x 2 ml	661161ZAMP
Urea Indole broth	Liquid medium for determination of urease and indole test.	X			X	20x 2 ml	661161XF
		X			X	120x 2 ml	661161XFMP
Violet Red Bile Glucose agar (VRBG)	Medium for the enumeration of Enterobacteria according to Harmonised Pharmacopoeia monographs and test methods.				X	20x 15 ml	731203ZA
Violet Red Bile Agar (VRBA)	Medium for the enumeration of Enterobacteria				X	20x 15 ml	731183ZA
YSG broth	Liquid medium used for the detection and enrichment of Alicyclobacillus, in fruit juices and other acidic foods according to IFU Standard Method No. 12.				X	20x 2,5 ml	663650YF
					X	120x 2,5 ml	663650YFMP
Yeast Starch Glucose Agar (YSGA)	Solid medium for the detection and isolation of Alicyclobacillus, in fruit juices and other acidic food according to IFU Standard Method No. 12.				X	20x 20 ml	723650YF
					X	120x 20 ml	723650YFMP



## CULTURE MEDIA, READY TO USE, IN BOTTLES

Ready to use culture media for microbiological test requirements in the food industry, water and environmental control and in the pharmaceutical industry.

This range is manufactured from high quality raw materials. All the culture media are manufactured using selected dehydrated bases, and comply with various standards.

All media are produced using the latest technology and are subject to strict quality controls carried out by qualified microbiologists.

- Supplied in glass bottles with different screw caps
- Certificate of Analysis, which guarantees product conformity

DESCRIPTION	APPLICATION	CLINICAL	WATER	PHARMA	FOOD	PK	CAT. NO.
<b>Injectable caps</b>							
Bolton broth base	Liquid culture medium used for the enrichment of <i>Campylobacter</i> from food samples according to the ISO Standard 10272-1:2006, after addition of supplements.				X	10x 250 ml	563390ZF
Buffered peptone water	Liquid medium for enrichment to the dairy product samples used for PCR Real-Time analysis.					10x 250 ml	530172AF
Buffered peptone water	Diluent and non selective pre-enrichment broth for the homogenisation of food samples formulated according to ISO Standards 6579, 8523 and 6785.	X			X	10x 90 ml	310173ZA
					X	10x 225 ml	400173ZA
Buffered peptone water	Dilution and non selective pre-enrichment liquid medium according to ISO Standards 6579, 6785, 6887 and 8261.				X	10x 225 ml	410173ZA
Buffered peptone water	Diluent and non selective pre-enrichment broth for the homogenisation of food samples formulated according to ISO Standards 6579, 8523 and 6785.	X			X	10x 200 ml	450173ZA
Buffered peptone water 0,1%	Diluent for the homogenisation of samples for the microbiological examination according to according to Harmonised Pharmacopoeia monographs and test methods and ISO Standards.	X			X	10x 450 ml	561314ZA
				X		10x 100 ml	301314ZA
				X		10x 90 ml	311314ZA
Buffered peptone water 0,1% + Tween	Diluent for the homogenisation of samples for the microbiological examination according to Harmonised Pharmacopoeia monographs and test methods and ISO Standards.			X		10x 100 ml	301314TA
				X		10x 125 ml	311310TA
Egg yolk sterile emulsion	Sterile egg yolk emulsion for microbiological media formulation.					1x 100 ml	351430ZF
Egg yolk tellurite sterile emulsion	Sterile egg emulsion with potassium tellurite for Baird Parker medium preparation according to ISO Standard 6888-1.					1x 50 ml	361430XF
Egg yolk tellurite sterile emulsion for 2 l media in total	Sterile egg emulsion with potassium tellurite for Baird Parker medium preparation according to ISO Standard 6888-1.					1x 100 ml	351430XF
Fluid D	For use as rinsing and/or diluting fluid in membrane filtration for the purpose of any microbiological test.			X		10x 400 ml	5632000A
Fraser broth	Broth for the selective enrichment of <i>Listeria monocytogenes</i> .				X	10x 225 ml	400343ZF
Fraser broth, half	Liquid culture medium for the enrichment and detection of <i>Listeria</i> spp. according to ISO Standards.				X	10x 225 ml	400343VF
FTM + resazurin (acc. USP)	Fluid medium used for sterility testing according to the Eur. Pharm., USP, FDA and for the cultivation of microaerophilic and anaerobic organisms.			X		10x 100 ml	301051ZA
Haemophilus Test Medium (HTM) broth	Liquid medium to enhance the growth of <i>Haemophilus</i> spp.					10x 100 ml	300382ZF
Lactose broth	Medium for pre-enrichment and detection of enterobacteria and coliforms in milk and water according to ISO Standards.		X	X		10x 90 ml	310440ZA
Lethen broth	Liquid culture medium used for the determination of germicidal activity coefficients of cationic detergents.			X		10x 100 ml	301580ZA
Lethen broth, modified	Medium for the primary detection of microorganisms in cosmetics according to the F.D.A.			X		10x 90 ml	312760ZA
Liquid A 0,1%	Diluent for the homogenisation of samples for the microbiological examination according to Harmonised Pharmacopoeial monographs and test methods.			X		10x 100 ml	301314XA
	Diluent for the homogenisation of samples according to Harmonised Pharmacopoeial monographs and test methods.					10x 300 ml	551314XA
				X		10x 450 ml	561314XA

DESCRIPTION	APPLICATION	CLINICAL	WATER	PHARMA	FOOD	PK	CAT. NO.
Listeria Enrichment Broth (LEB)	Liquid medium for enrichment of Listeria spp. from foods and environmental samples.				X	10x 450 ml	560472ZA
Listeria enrichment supplement	Supplement that enhances the growth of Listeria spp..					10x 24 ml	335032ZF
Maximum recovery diluent	Isotonic diluent for the maximum recovery of stressed microorganisms according to ISO Standards.			X		10x 90 ml	313120ZA
Peptone water 0,1%	For dilution and non selective enrichments in microbiology.					10x 100 ml	302252ZA
PVU neutraliser	Medium for the primary detection of microorganisms in cosmetics.					10x 45 ml	332760TA
Rosolic acid solution 0,1% supplement for 12 l media in total	Additive for use in microbiology.					1x 100 ml	355070ZF
Sabouraud dextrose broth	Liquid medium for fungal isolation and sterility test according to Harmonised Pharmacopoeial monographs and test methods.	X		X	X	10x 100 ml	300894ZA
Saline peptone broth					X	10x 90 ml	313155ZA
TAT broth base w/o Tween	Used for cultivating microorganisms from highly viscous or gelatinous materials.			X		10x 90 ml	311114YZ
Tryptic Soy Broth (TSB)	Highly nutrient liquid medium for general purpose use according to Harmonised Pharmacopoeial monographs and test methods.			X	X	10x 90 ml	311121ZA
				X	X	10x 100 ml	301121ZA
				X	X	10x 55 ml	371121ZA
				X	X	10x 200 ml	451121ZA
Tryptic Soy Broth (TSB) + 0,07% lecithine and 0,5% Tween	Highly nutrient liquid medium for general purpose use according to Harmonised Pharmacopoeial monographs and test methods.					10x 100 ml	301122SA
Tryptic Soy Broth (TSB) + 0,1% Tween	Highly nutrient liquid medium for general purpose use according to Harmonised Pharmacopoeial monographs and test methods.					10x 90 ml	311122OA
Tryptic Soy Broth (TSB) + 4% Tween 20 and 0,5% Lecitin	Highly nutrient liquid medium for general purpose use according to Harmonised Pharmacopoeial monographs and test methods.					10x 90ml	471120TA
Tryptic Soy Broth (TSB) + disinfectant neutralisers	Highly nutrient liquid medium for general purpose use according to Harmonised Pharmacopoeial monographs and test methods.			X		10x 100 ml	301121TA
TTC in 1% sterile solution	Reagent to be added as indicator into many microbiological culture media.					1x 100 ml	301950ZK
<b>Non injectable caps</b>							
Antibiotic agar 10	Used in the microbiological assays of Colistimethate, Polymyxin and carbonicillin by the agar diffusion technique.					10x 200 ml	454810ZA
Antibiotic agar 10						20x 500 ml	564812ZAMP
Antibiotic agar A	Used in microbiological antibiotic assays using the agar diffusion technique.					10x 200 ml	455462ZA
Antibiotic agar control pH 6,0	Microbiological assay of antibiotics.				X	10x 100 ml	AX021189
Antibiotic medium A					X	6x 200 ml	AX021205
Antibiotic medium B					X	10x 200 ml	AX021206
Antibiotic medium E					X	6x 200 ml	AX022241
					X	10x200 ml	455782ZA
Antibiotic test control pH 8,0					X	10x 100 ml	AX021197
Baird Parker agar base	Selective culture medium for the detection of staphylococci on a variety of samples according to ISO Standard 6888-2:1999.				X	10x 90 ml	312950ZA
	Staphylococcus isolation, count and identification.				X	10x 180 ml	430063ZA
Beerens dilution	General diluent (samples with inhibitors and cosmetics).			X		10x 100 ml	302240ZA
						40x 100 ml	302240ZAMP
	Diluent for examination of cosmetic products containing various preservative to neutralise preservative systems.			X		10x 90 ml	312240ZT
						40x 90 ml	312240ZTMP
Bile Aesculin azide agar	Enterococcus isolation, count and identification according to ISO Standard 7899-2.		X		X	6x 200 ml	AX022293
Bolton broth (base)	Liquid culture medium used for the enrichment of Campylobacter from food samples according to ISO Standard 10272-1:2006, after addition of supplements.					20x 250 ml	563390ZFMP
Brain Heart Infusion (BHI) broth, modified	Nutrient rich medium suitable for the isolation of pathogenic microorganisms from clinical specimens.	X				10x 100 ml	303415ZA
						40x 100 ml	303415ZAMP
Buffered peptone water 0,1% + lecithin	Medium for Salmonella enrichment from samples with high lipid content or from materials containing preservatives.					10x 90 ml	311312LA
						40x 90 ml	311312LAMP
Buffered peptone water	Pathogenic Enterobacteriaceae non selective enrichment.	X			X	9x 900 ml	AX021291
	Dilution and non selective pre-enrichment liquid medium according to ISO Standards.	X			X	10x 100 ml	300173ZA
	Diluent and non selective pre-enrichment broth for the homogenisation of food samples according to ISO Standards 6579, 8523 and 6785.					9x 800 ml	510173ZA
						9x 900 ml	521173ZU
	Diluent for the homogenisation of samples (EP, USP, JP).			X		10x 300 ml	531314ZA
Buffered peptone water + 10% Tween	Diluent for the homogenisation of samples (EP, USP, JP).			X		10x 100 ml	303480TA
Buffered peptone water 0,1%	Diluent for the homogenisation of samples for the microbiological examination according to Harmonised Pharmacopoeia monographs and test methods and ISO Standards.					40x 100 ml	301314ZAMP

DESCRIPTION	APPLICATION	CLINICAL	WATER	PHARMA	FOOD	PK	CAT. NO.
Butterfield buffer	Buffered diluent for food samples.		X	X	X	10x 100 ml	303610ZA
						40x 100 ml	303610ZAMP
Casein peptone lecithin Tween® 20 broth	Highly nutrient liquid medium with neutralisers.			X	X	10x 90 ml	AX021178
Cetrimide agar	Pseudomonas aeruginosa isolation, count and identification (Ph. Eur.).			X		10x 100 ml	AX021182
				X		6x 200 ml	AX022222
China Blue Lactose agar	Solid and differential medium for the enumeration of lactose fermenting microorganisms in the dairy industry.					10x 200 ml	405042ZA
Chromocult® Coliform agar	Solid, selective and differential culture medium for the detection and enumeration of total coliform and E. coli in water samples using the MF technique.		X		X	10x 200 ml	401274ZH
						10x 100 ml	301274ZA
						40x 100 ml	301274ZAMP
Count agar	Microbial count in milk and dairy products.				X	6x 200 ml	AX021301
Czapek Dox metal agar	Fungi culture with nitrate as the sole nitrogen source.				X	10x 475 ml	530274XA
DEV lactose peptone broth	Total count in water acc. to German Standard Methods.		X			10x 50 ml	373564ZA
						40x 50 ml	373564ZAMP
DEV nutrient agar	Solid culture medium for general purpose use with less fastidious organisms according to ISO Standards 16266:2006 and EN 12780:2002.	X			X	10x 100 ml	300692ZA
						40x 100 ml	300692ZAMP
	Total count in water according to German Standard Methods.		X			10x 200 ml	453554ZA
	Medium for determining the total microbial count in water according to German Standard Methods for food examination.					10x 450 ml	531642ZA
Dextrose Tryptone Agar (DTA)	Solid medium for the cultivation of 'flat-sour' canned food spoiling microorganisms.				X	10x 100 ml	303525ZA
Diluent P.E. + neutraliser	Diluent of non sterile products for microbial contaminants.			X		6x 190 ml	AX021361
EE broth acc. Mossel	Selective enrichment of all species of Enterobacteriaceae according to Harmonised Pharmacopoeia monographs and test methods.			X		10x 90 ml	310304ZA
						40x 90 ml	310304ZAMP
	Enterobacteriaceae selective enrichment (ISO Standard 21528).				X	10x 90 ml	AX029148
	Enterobacteriaceae selective enrichment (EP, USP, JP).			X		10x 90 ml	AX021380
	Liquid culture medium used for the enrichment of enterobacteria according to Harmonised Pharmacopoeia monographs and test methods.			X		10x 100 ml	300304ZA
Fluid A	For use as rinsing and/or diluting fluid for membrane filtration methods according to Harmonised Pharmacopoeia			X		10x 300 ml	553560ZA
				X		10x 850 ml	513560ZA
Fluid D	For use as rinsing and/or diluting fluid in membrane filtration for the purpose of any microbiological test.			X		20x 400 ml	563200OAMP
				X		10x 850 ml	513200OA
Fluid K	Diluent for the homogenization of samples for the microbiological examination according to Harmonised Pharmacopoeia			X		10x 300 ml	555010TA
Fraser broth	Broth for the selective enrichment of Listeria monocytogenes.		X			20x 225 ml	400343ZFMP
Fraser broth 1/2	Liquid culture medium for the enrichment and detection of Listeria spp. according to ISO Standards.		X			20x 225 ml	400343VFMP
FTM + Resazurin	Fluid medium used for sterility testing according to Eur. Pharm., USP, FDA and for the cultivation of microaerophilic and anaerobic organisms.			X		40x 100 ml	301051ZAMP
Henkel standard	Inactivating solution for test samples with possible inhibitory effect of microbiological growth.					10x 90 ml	313040TH
						10x 90ml	473040TH
						20x 90 ml	473040THMP
Kanamycin Aesculin azide agar	Solid medium for confirmative detection and isolation of Lancefield's group D streptococci in food samples according to Mossel et al.		X		X	10x 200 ml	451830ZA
Lactose broth	Medium for pre-enrichment and detection of enterobacteria and coliforms in milk and water according to ISO Standards.		X	X		10x 100 ml	300440ZA
Lactose broth + neutralising agents	Coliforms selective enrichment.			X		10x 90 ml	AX021190
				X		10x 100 ml	AX021243
LB broth acc. Miller	Highly nutrient medium for general purposes (USP, FDA, EP).			X	X	6x 100 ml	AX021330
	Liquid medium for general purposes and molecular genetics studies of Escherichia coli.			X		10x 100 ml	302510ZA
						40x 100 ml	302510ZAMP
Lethen agar	Solid medium for assays of antimicrobial action of Quaternary Ammonium Compounds according to the F.D.A.					10x 200 ml	401570ZA
Lethen broth, modified	Medium for the primary detection of microorganisms in cosmetics according to the F.D.A.					40x 90 ml	312760ZAMP
	Formulation for the determination of bacterial activity of quaternary ammonium compounds.					10x 90 ml	302754OA
						40x 100 ml	302754OAMP
Lethen Tween FeCL3 broth	Microbial count diluent.			X		6x 100 ml	AX021323
Liver meat agar	Anaerobic microorganisms culture.				X	6x 200 ml	AX022292
M17 agar	Solid selective medium for the enumeration of Streptococcus thermophilus in yoghurt samples.				X	10x 100 ml	303532ZA
						40x 100 ml	303532ZAMP

DESCRIPTION	APPLICATION	CLINICAL	WATER	PHARMA	FOOD	PK	CAT. NO.
MacConkey agar	Isolation and enumeration of Salmonella and coliforms according to Harmonised Pharmacopoeia monographs and test methods and ISO Standard 21150:2006.	X	X	X	X	10x 100 ml	300641ZA
MacConkey broth	Liquid medium, for the detection and enumeration of coliforms, according to Harmonised Pharmacopoeia monographs and test methods.		X	X	X	10x 100 ml	300674ZA
Malt extract agar	Medium for the identification of yeasts and moulds in sterility testing.					10x 200 ml	450544ZA
						20x 200 ml	450544ZAMP
Maximum recovery diluent + Tween	Diluent for the homogenisation of samples for the microbiological examination according to Harmonised Pharmacopoeia monographs and test methods and ISO Standards.			X	X		881314TA
Milk plate count agar	Solid medium for the plate count of milk and dairy products, according to DIN and FIL/IDF Standards.				X	10x 200 ml	400774XA
	Medium for the isolation and enumeration of microorganisms in milk and dairy products.					10x 450 ml	530774XA
						20x 450 ml	530774XAMP
MRS agar	Culture medium for lactobacilli, according to Man, Rogosa and Sharpe.				X	10x 200 ml	400582ZA
MYP agar base	Selective solid medium according to Mossel, for the isolation and identification of Bacillus cereus from food samples according to ISO Standards.				X	10x 90 ml	310053ZA
						40x 90 ml	310053ZAMP
OGYE agar	Medium for detection and enumeration of fungi (yeast and moulds) formulated according to ISO Standard 13681:1995.				X	10x 200 ml	400720ZA
Orange serum agar	Acid-tolerant microorganisms isolation in fruit juices.				X	10x 100 ml	300733IA
					X	10x 50 ml	370731ZA
						40x 50 ml	370731ZAMP
	Solid medium for the culture of aciduric organisms especially those associated with the spoilage of citrus products and their derivatives.				X	10x 200 ml	450731ZA
PBPS 4% Tween 0,5% Lecithin	Diluent for the homogenisation of samples for the microbiological examination according to Harmonised Pharmacopoeia monographs and test methods and ISO Standards.			X		10x 90 ml	471314TH
						20 x 90 ml	471314THMP
PBTL 3% Tween 0,3% Lecithin				X		10x 250 ml	471314TA
						20x 250 ml	471314TAMP
PCA without glucose	Total microbial count in water.		X			10x 100 ml	AX021264
			X			6x 200 ml	AX022206
Pharmacopoeia diluent (NaCl peptone broth pH 7)	Diluent for analysis of non sterile products.			X		9x 90 ml	AX021314
Pharmacopoeia diluent (NaCl peptone broth pH 7) Tween® 80 1%				X		10x 90 ml	AX021320
Pharmacopoeia diluent w. neutralising agent (DNP)	Diluent of non sterile products for microbial contaminants.			X		12x 300 ml	AX021283
				X		6x 200 ml	AX022255
Pharmacopoeia diluent w. neutralising agent (DNP), large neck	Diluent for analysis of non sterile products.			X		10x 90 ml	AX021191
Pharmacopoeia diluent with neutralising agent (DNP)				X		10x 90 ml	AX021146
Pharmacopoeia diluent, sodium thiosulphate 5 g/l				X		9x 600 ml	AX021305
Pharmacopoeia Diluent w. Neutralising agent (Tween and Lecithin)				X		9x 900 ml	AX021417
Plate Count Agar (PCA)	Medium for aerobic plate counts by the surface inoculation method (standard Plate Count Agar) according to ISO Standards 4833, 8552 and 17410 and IFU No. 6.	X	X	X	X	10x 100 ml	300774ZA
						10x 450 ml	530774ZA
						20x 450 ml	530774ZAMP
			X	X	X	10x 200 ml	450774ZA
Phosphate buffer pH 7.2	Diluent for the homogenisation of samples	X		X	X	10x 125 ml	305660ZF
Polysorbate 80 (Tween 80)	Additive for culture media in microbiology.					1x 100 ml	303570ZK
Potato dextrose agar	Culture medium used for the detection and enumeration of fungi in food, dairy products and other samples according to Harmonised Pharmacopoeia monographs and test methods			X	X	10x 200 ml	400782ZA
Preston broth without blood	Selective broth for isolation of Campylobacter sp.				X	10x 225 ml	401640ZA
R2A agar	For use in microbiological monitoring of waters, according to the monographs for Water from European Pharmacopeia 6th edition, supplement 6.3.		X			10x 100 ml	300802ZA
Rappaport Vassiliadis broth	Selective liquid medium used for the enrichment of Salmonella according to Harmonised Pharmacopoeia monographs and test methods and ISO Standards.			X		10x 90 ml	313552ZA
						40x 90 ml	313552ZAMP
	Salmonella enrichment except S. Typhi and paratyphi A (ISO Standard 6579).				X	10x 100 ml	AX021263
	Salmonella selective enrichment (EP 6th Edition).			X		10x 100 ml	AX021383



DESCRIPTION	APPLICATION	CLINICAL	WATER	PHARMA	FOOD	PK	CAT. NO.
RCM agar	Clostridia and anaerobes culture and count (Barnes and Ingram).	X			X	6x 200 ml	AX021329
Reinforced Clostridial Medium (RCM)	Fluid medium for the cultivation and enumeration of clostridia by the MPN Technique according to Harmonised Pharmacopoeia monographs and test methods.					10x 100 ml	300842ZA
Sabouraud 2% glucose agar	Dermatophytes culture (better yeast and mould count and culture).	X		X	X	6x 200 ml	AX022245
Sabouraud 2% glucose broth	Yeast and mould count and culture (EP, USP, JP).			X	X	10x 100 ml	AX021154
Sabouraud 2% glucose chloramphenicol agar	Dermatophytes culture (better yeast and mould count and culture).	X		X		10x 100 ml	AX021106
Sabouraud 4% dextrose agar	Solid medium for the enumeration and cultivation of fungi according to Harmonised Pharmacopoeia monographs and test methods and ISO Standards			X		10x 400 ml	550884ZA
						20 x 400 ml	550884ZAMP
				X	X	10x 450 ml	560885ZH
				X	X	10x 200 ml	400884ZA
Sabouraud dextrose chloramphenicol agar	Medium for the enumeration and cultivation of fungi.					10x 100 ml	300884CA
						40x 100 ml	300884CAMP
		X		X	X	10x 200 ml	400884CA
				X	X	10x 400 ml	550884CA
Sabouraud dextrose agar				X	X	10x 100 ml	300884ZA
Saline peptone broth	Isotonic diluent for the maximum recovery of stressed microorganisms according to ISO Standards.					40x 90 ml	313155ZAMP
Selenite cystine broth	Liquid medium used for the enrichment of Salmonella and Shigella from clinical specimens and other products according to ISO Standards.	X			X	10x 100 ml	300954ZA
Slanetz & Bartley agar	Enterococci differential selective count (ISO Standard 7899-2:2000).		X			6x 200 ml	AX021261
Sodium chloride peptone broth (buffered)	Diluent for the homogenisation of samples for the microbiological examination according to Harmonised Pharmacopoeia monographs and test methods and ISO Standards.					10x 300 ml	531312ZA
Sodium chloride peptone broth + neutraliser	Diluent for analysis of non sterile products.			X		9x 290 ml	AX021379
SPS agar	Solid medium for the detection of Clostridium perfringens in food and water.				X	10x 200 ml	401320ZA
TBG broth	Salmonella selective enrichment.	X		X		10x 100 ml	AX021112
TBX agar	Selective medium for enumeration and detection of E. coli in foods and water formulated according to ISO Standard 16649-1:2001.		X		X	10x 100 ml	301004ZA
Tetrathionate broth acc. Müller Kaufmann	Medium used for the selective enrichment of salmonellae, according to ISO Standards.	X			X	10x 100 ml	301030ZA
Thioglycolate penase broth	Fluid medium for sterility assays formulated according to Harmonised Pharmacopoeia monographs and test methods.			X		10x 100 ml	301051PF
						40x 100 ml	301051PFMP
Thioglycolate resazurin broth	Anaerobic and microaerophilic culture, isolation and sterility tests.			X		10x 90 ml	AX029179
				X		9x 900 ml	AX021371
TOS agar	Medium for the enumeration of bifidobacteria in milk products.					10x 475 ml	534744ZF
Tributyrin agar	Medium for detection and enumeration of lipolytic microorganisms in food stuffs and other materials.				X	10x 100 ml	301353ZA
Tributyrin agar						40x 100 ml	301353ZAMP
Tryptone yeast extract agar	Medium for the aerobic plate count in water samples according to ISO Standard 6222:1999.					10x 200 ml	451254ZA
					X	10x 450 ml	561251ZA
Tryptic Soy Agar (TSA)	General purpose medium containing animal and plant peptone, according to Harmonised Pharmacopoeia monographs and test methods.			X	X	10x 200 ml	401114ZA
				X	X	10x 450 ml	531114ZH
						20x 450 ml	531114ZHMP
	Total aerobic count.					10x 450 ml	561114ZA
Tryptic Soy Broth (TSB)	Highly nutrient liquid medium for general purpose use, formulated according to Pharmacopoeial Harmonised Method.			X	X	10x 100 ml	301121ZQ
						40x 100 ml	301121ZQMP
						10x 450 ml	561121ZA
						20x 450 ml	561121ZAMP
Tryptic Soy Broth (TSB) + 0,07% lecithine and 0,5% Tween	Highly nutrient liquid medium for general purpose use, formulated according to Harmonised Pharmacopoeia monographs and test methods.					10x 450 ml	561122SA
Tryptic Soy Broth (TSB) + penase						40x 100 ml	301121PFMP
Tryptic Soy Broth (TSB) w. pharmacop. neutralisers				X	X	10x 100 ml	AX021230
				X		9x 800 ml	511120TA
Tryptone salt broth (maximum recovery diluent)	Indole formation detection.				X	10x 90 ml	AX021133
					X	10x 225 ml	AX022258

DESCRIPTION	APPLICATION	CLINICAL	WATER	PHARMA	FOOD	PK	CAT. NO.
Tryptic Soy Agar (TSA)	General purpose solid medium containing animal and plant peptone according to according to Harmonised Pharmacopoeia monographs and test methods and ISO Standards			X	X	10x 400 ml	551114ZA
Tryptone yeast extract agar	Medium for the aerobic plate count in water samples according to ISO Standard 6222:1999.		X			10x 100 ml	301250ZA
						10x 250 ml	561252ZA
TSC agar base	Solid selective and differential medium for isolation and presumptive identification of Clostridium perfringens according to ISO Standards.				X	10x 100 ml	301141ZA
Violet Red Bile agar (VRB)	Medium for the detection and enumeration of coliforms in milk and other dairy products according to APHA and ICMSF, FIL-IDF and ISO Standards.				X	10x 200 ml	401183ZA
Violet Red Bile Dextrose agar (VRBD)	Selective solid medium for the enumeration of enterobacteria, according to Harmonised Pharmacopoeia monographs and test methods and ISO Standard 21528					10x 450 ml	531203ZA
						20x 450 ml	531203ZAMP
Violet Red Bile Glucose agar (VRBG)					X	10x 200 ml	401203ZA
Yeast extract agar	Medium for the aerobic plate count in water samples according to ISO Standard 6222:1999.					10x 200 ml	451251ZA
YGC agar	Solid and selective medium for the isolation and enumeration of fungi in milk and dairy products according to ISO Standard 7954 and FIL-IDF 94B Standards.					20x 450 ml	532230CA
						10x 200 ml	402232ZA
	Selective agar for isolating and counting yeasts and moulds in milk and milk products.				X	10x 100 ml	AX021128
					X	6x 200 ml	AX021259



## CULTURE MEDIA, READY TO USE, IN BAGS

Microbiology media in bags are ideally suited for high sample volumes.

- Space saving packaging
- No risk associated with broken glass bottles
- Media can be easily and conveniently dispensed using a gravimetric diluter or peristaltic pump

DESCRIPTION	APPLICATION	CLINICAL	WATER	PHARMA	COSMETICS	FOOD	PK	CAT. NO.
Buffered peptone water	Pathogenic Enterobacteriaceae non selective enrichment.	X				X	3x 3 l	800179ZB
		X				X	5x 2 l	870179ZB
		X				X	2x 5 l	850179ZB
Fraser broth 1/2	Listeria monocytogenes selective enrichment.					X	2x 5 l	850343VB
						X	3x 3 l	800343VB
						X	5x 2 l	870343VB
Fraser broth, double concentrate	Liquid culture medium for the enrichment and detection of Listeria spp.					X	5x 2 l	870343GB
Maximum recovery diluent	Isotonic diluent for maximum recovery of microorganisms (ISO Standard 6887-1).					X	2x 5 l	853120ZB
						X	3x 3 l	803120ZB
Media Fill Test TSB non animal, irradiated	Microbiological validation of aseptic filling (Media Fill Test).			X		X	1x 20 l	AX0110088
Media fill test TSB vegetal irradiated				X		X	1x 1 l	AX0110086
Tryptic Soy Broth (TSB)	Highly nutrient liquid medium for general purposes (USP, FDA, PE).			X			2x 5 l	851121ZB
				X			3x 3 l	801121ZB
Tryptic Soy Broth (TSB) radio sterilised	Microbiological validation of aseptic filling (Media Fill Test).			X			2x 5 l	AX031110
Modified Lethen broth + Tween (MLBT)	Medium for the primary detection of microorganisms in cosmetics according to the F.D.A..				X		3x 3 l	802760ZA
Polyvalent universal neutraliser	Medium for the primary detection of microorganisms in cosmetics.				X		2x 5 l	852760TA
					X		2x 5 l	872760TA
Accessory for all the bags								
Connector, stainless steel	Connector to bags with prepared liquid medium.	X	X	X		X	1	49926300



## CULTURE MEDIA, MEDIABAG

Each bag contains a pre-weighed amount of granulated media in a double bagged bag and is irradiated. Just in time enrichment - add sterile water and sample material.

- Space saving, no bottles taking up shelf space
- Long shelf life
- No autoclaving and optimum solubility
- Dust-free work condition

### MediaBag, buffered peptone water (BPW) irradiated

Non selective pre-enrichment broth to increase recovery of bacteria, particularly pathogenic Enterobacteriaceae from foodstuffs. The culture medium complies with ISO 6579:2002.

The lab-blender bag contains 5,75 g of BPW to which 225 ml of sterile water and 25 g (or 25 ml) of sample material is added.

More media are available on request.

The following media are approved for the bag system:

- Tryptic soy broth
- Fraser broth base
- Lactose broth
- MacConkey broth

The composition is according to standard methods such as ISO, AFNOR, NMKL etc.

### Packaging

Special formulations and packaging formats available on request.

DESCRIPTION	VOLUME OF STERILE WATER TO BE ADDED TO EACH BAG	PK	CAT. NO.
Small bag with BPW, irradiated, ready to use			
MediaBag, BPW sachets	225 ml	100	7301.00225
MediaBag, BPW sachets	225 ml	100	7501.00225
MediaBag, BPW sachets	2700 ml	50	7301.02700
MediaBag, BPW sachets	450ml	100	7301.00450
Standbag with BPW, irradiated, ready to use			
MediaBag, standbag with BPW	90 ml	100	7301.00090
MediaBag, 1/2 Fraser with supplement	225 ml	100	7304.00225
MediaBag, standbag skimmed milk	225 ml	100	7303.00225
MediaBag, standbag with BPW	900 ml	100	7301.00900
MediaBag, standbag with BPW	1125 ml	100	7301.01125
MediaBag, standbag with BPW	2250 ml	100	7301.02250
Aluminium standbag with BPW, irradiated, ready to use			
MediaBag, aluminium standbag with BPW	3000 ml	50	7601.03000
MediaBag, aluminium standbag with BPW	3375 ml	50	7601.03375
MediaBag, standbag with BPW	3375 ml	50	7691.03375
MediaBag, aluminium standbag with BPW	4000 ml	50	7601.04000
MediaBag, aluminium standbag with BPW	4500 ml	50	7601.04500
Large bag with BPW, irradiated, ready to use			
MediaBag standbag, big bag with BPW	2250 ml	50	7391.02250
MediaBag, big bag with BPW	4500 ml	20	7201.04500
MediaBag, big bag with BPW	6750 ml	20	7201.06750
MediaBag standbag, big bag with BPW	9000 ml	20	7201.09000
Accessories			
MediaBag standbag empty box	5000 ml	10	8000.05000



Before and after addition of water to the bag

## CULTURE MEDIA, MEDIABAG SYSTEM T

The T bag is filled with pre-weighed granulated media. Connect the 0,2 µm filter unit aseptically to the tube by using the the connector device. Add water under aseptic conditions into the bag via the filter sytem. Protect the tube end with the red cap.

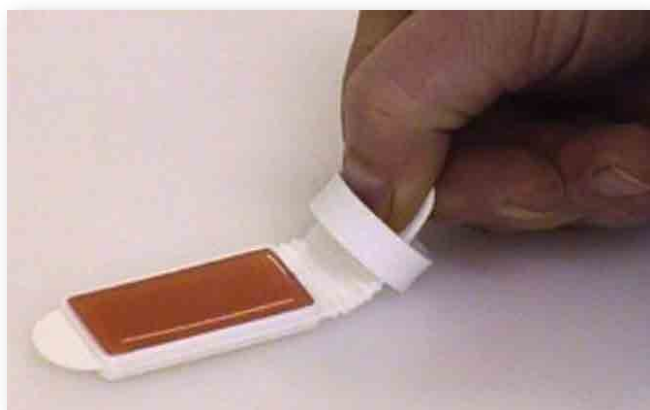
DESCRIPTION	VOLUME OF STERILE WATER TO BE ADDED TO EACH BAG	PK	CAT. NO.
MediaBag T (tube-bag) for 3 l BPW (buffered peptone water)	3000 ml	25	7701.03000
MediaBag T BPW (buffered peptone water)	5000 ml	20	7701.05000
MediaBag T BPW (buffered peptone water)	10000 ml	20	7701.10000
MediaBag T BPW (buffered peptone water)	15000 ml	15	7701.15000
MediaBag T BPW (buffered peptone water)	20000 ml	15	7701.20000
MediaBag T maximum recovery diluent	3000 ml	25	7702.03000
MediaBag T maximum recovery diluent	5000 ml	20	7702.05000
MediaBag T maximum recovery diluent	10000 ml	20	7702.10000
MediaBag T maximum recovery diluent	20000 ml	15	7702.20000
MediaBag T half Fraser	10000 ml	15	7704.10000
Fraser broth 1/2	5000 ml	1	7794.05000
MediaBag T BLEB with supplemet, no filter	20000 ml	15	7785.20000
MediaBag T BPW, no filter	20000 ml	600	7781.20000
MediaBag T BPW, with filter	20000 ml	15	7791.20000
MediaBag T BPW (buffered peptone water)	15000 ml	720	7791.15000
MediaBag T BPW (buffered peptone water)	20000 ml	15	7716.20000
MediaBag T BPW (buffered peptone water)	10000 ml	800	7781.10000
MediaBag T Demi Fraser, no filter	20000 ml	15	7784.20000
MediaBag T for BPW, 65 cm tube	20000 ml	15	7761.20000
MediaBag T half Fraser	5000 ml	15	7704.05000
MediaBag T TSB	5000 ml	15	7712.05000



## CULTURE MEDIA, MEDIABAG SYSTEM W

W bags are folded bags without connectors.

DESCRIPTION	FOR	PK	CAT. NO.
MediaBag W BPW (buffered peptone water)	3600 ml	50	7901.03600
MediaBag W BPW (buffered peptone water)	1800 ml	50	7901.01800
MediaBag W BPW (buffered peptone water)	1125 ml	100	7901.01125
MediaBag W BPW (buffered peptone water)	2700 ml	50	7901.02700
MediaBag W BPW (buffered peptone water)	3000 ml	50	7901.03000
MediaBag W BPW (buffered peptone water)	2250 ml	50	7901.02250
MediaBag W BPW (buffered peptone water)	3375 ml	50	7901.03375
MediaBag W Demi Fraser, sterile, 2250 g	2250 ml	25	7904.02250
MediaBag W Demi Fraser with supplement	900 ml	50	7904.00900
MediaBag W Demi Fraser with supplement	1125 ml	50	7904.01125
Accessories			
MediaBag filter unit and connector		1	8001.00200



## DIP SLIDES

Dip slides for microbiological monitoring of surfaces and in liquids. Each slide has media on both sides.

Choice of the same medium or two different media on the two sides of the slides; this allows sampling of two surfaces with every single slide. Testing with dip slides is a safe, reliable, economical and fast indicator of the presence of microorganisms.

- Dip slides with a push cap have a larger contact area.
- Sampling takes only a few seconds
- The results are easily read after just 24 - 48 hours
- For food and water control

Type	Push cap
Contact area (cm <sup>2</sup> )	10
Dimensions	30 mm tube, 110 mm high
Tray W×L (mm)	50x22
Paddle size (mm)	80×28

DESCRIPTION	APPLICATION	PK	CAT. NO.
Baird Parker	Staphylococcus aureus	10	535302D
		100	535303D
Baird Parker/VRBG	Staphylococcus aureus/Enterobacteriaceae	10	535308D
Malt extract	Yeast and moulds	10	535328D
		100	535329D
Nutrient/Pseudomonas	Total count/Pseudomonas	100	535184T
		10	535182R
Nutrient TTC + neutralisers	Total count	10	535309D
		100	535310D
Nutrient TTC		10	535092Q
Nutrient TTC/malt extract	Total count/yeast and moulds	10	535102B
		100	535104D
Nutrient + TTC - screw cap	Total count	10	535306D
		100	535307D
Nutrient + TTC - large		100	535094S
PCA/MacConkey no. 3	Total count/Salmonella, Shigella and coliform	10	535142J
		100	535144L
PCA/Baird Parker	Total count/Staphylococcus aureus	10	535304D
		100	535305D
PCA/VRBG + neutralisers	Total count/Enterobacteriaceae	10	535172P
PCA + neutralisers - black	Total count	10	535324D
		100	535325D
PCA + TTC		10	535311D
PCA + TTC + neutralisers		10	535313D
		100	535314D
PCA + TTC		100	535312D
PCA		10	535122F
		100	535124H
PCA/VRBG - large	Total count/Enterobacteriaceae	10	535162N
PCA/VRBG + neutralisers - large		100	535174R
PCA/VRBG		100	535164P
PCA/MacConkey + neutralisers	Total count/Salmonella, Shigella and coliform	10	535152L
		100	535154N
PCA/OGYE + neutralisers	Total count/Yeast and moulds	10	535132H
	Total count/Salmonella, Shigella and coliform	100	535134J
PCA + TTC/MacConkey no. 3		10	535318D
		100	535319D
PCA + TTC/MacConkey no. 3 with neutralisers		10	535316D
		100	535317D
Pseudomonas CFC/MacConkey no. 3	Pseudomonas sp./Salmonella, Shigella and coliform	10	535322D
		100	535323D



DESCRIPTION	APPLICATION	PK	CAT. NO.
Rose bengal - large	Yeast and moulds	10	535202E
		100	535204G
Tryptic Soy (TSA) + neutralisers	Disinfectant control	10	535326D
		100	535327D
Tryptic Soy (TSA) + TTC/rose bengal chloramphenicol	Total count/yeast and moulds	10	535112D
		100	535114F
Tryptic Soy(TSA) + TTC/malt extract	Total count/yeast and moulds	10	535320D
		100	535321D
VRBG AGAR push cap	En terobacteriacee	10	EC
		100	EX



## PRESERVATION OF MICROORGANISMS, CRYOINSTANT

Microbiological laboratories need a simple procedure to maintain important microorganisms rather than repetitive subculturing, which results in contaminated cultures, loss of viability and even more important, loss of original characteristics by introducing biochemical and genetic changes. Cryoinstant consists of 25 porous beads in a vial filled with a broth containing glycerol. Microorganisms will bind to the porous surface of beads. The excess of broth is aspirated, the vials can then be stored up to -70 °C in a freezer.

- Quick and easy to use
- Colour coded
- Storage down to -70 °C
- Quality controlled for fertility and sterility

*Cryoinstant is packed in shelf packs of 50 vials of 2 ml.*

DESCRIPTION	CLINICAL	WATER	PHARMA	FOOD	CAT. NO.
Cryoinstant vials, blue	X	X	X	X	822072ZA
Cryoinstant vials, green	X	X	X	X	822073ZA
Cryoinstant vials, mixed	X	X	X	X	822070ZA
Cryoinstant vials, natural	X	X	X	X	822075ZA
Cryoinstant vials, red	X	X	X	X	822071ZA
Cryoinstant vials, yellow	X	X	X	X	822074ZA
Data logger for temperature monitoring during transport	X	X	X	X	49927000
Cryoinstant vials without media PK 50	X	X	X	X	820006ZA

## HYGIENE CONTROL AND DISINFECTION

- Air samplers
- Dip slides and contact plates, mini incubators
- Disinfection control
- Swabs/transport swabs
- Alcohol sprays and disinfectants

## RAPID TESTS

- Reagents and consumables for molecular biology
- Thermocyclers (PCR/qPCR)

## ESSENTIAL EQUIPMENT

- Autoclaves
- Analytical balances
- Data loggers
- Dispersion equipment
- Gas burners
- Homogenisers and blenders
- Colony counter
- Incubators and cooled incubators
- Microscopes and stereo microscopes
- Magnifiers
- pH meters
- Lab blender
- Sterilisers and ovens
- Drying incubators
- Water baths
- Water purification systems
- Centrifuges

## PERSONAL PROTECTION

- Labcoats and apparel
- Eyewear
- Gloves
- Hand cleaning
- Footwear





## CULTURE MEDIA

- Dehydrated media
- Ready to use media, plates, tubes, bottles and bags
- Irradiated media for Mediafill tests
- Supplements and additives
- Custom products
- Preservation systems

## CONSUMABLES

- Akku, pasteur and pipette controllers
- Autoclave bags
- Covering up aids
- Dispensers
- Disposable sampling bags and containers
- Durham tubes
- Inoculation containers from 250 ml to 5 l
- Lab blender bags
- Microbiology copying implements
- Petri dishes, inoculation loops and Drigalski spatulas
- Pistons, tubes, bottles and silicone plugs
- Slides and cover slips
- Staining solutions
- Suction stations and membrane filters
- Test tubes and stands
- Vacuum pumps and suction bottles

## SERVICES

- Calibration, maintenance and repair
- IQ/OQ qualification
- Bypass devices
- Application technology consultation



## Disinfectant test strips

These easy to use strips enable you to make sure that your disinfectant solutions are at effective concentrations while leaving minimal undesirable residues on plant after cleaning.

- Rapid and convenient results in seconds without anything else needed
- Precise: Colours adjusted and checked using standard solutions
- Pictograms with clear instructions
- Low cost per test

TEST STRIP	MAX. MG/L	GRADUATIONS (MG/L)	CAT. NO.
Peroxide	25	0/0,5/2,5/10/25	85433.601
	100	0/1/3/10/30/100	85434.601
	1000	0/50/150/300/500/800/1000	85435.601
Peracetic acid	50	0/5/10/20/30/50	85436.601
	500	0/50/100/200/300/400/500	85437.601
	2000	0/500/1000/1500/2000	85438.601

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