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# MICROBIOLOGY

DEHYDRATED AND READY-TO-USE  
CULTURE MEDIA & SUPPLEMENTS



## BIOSOLUTE® FOR MICROBIOLOGY

### BENEFITS AT A GLANCE

**Selected raw materials:** Only raw materials that meet the highest standards are used for the production of BIOSOLUTE® prepared media. This also ensures, for example, a particularly reliable batch consistency.

**Production in the cleanroom:** BIOSOLUTE® ready-to-use media are produced automatically in state-of-the-art cleanroom conditions.

**Strict quality control:** The quality control follows ISO 11133 and/or Ph. Eur., depending on the medium. Performance tests for solid culture media are carried out in an ISO 17025 certified laboratory (ENAC accreditation).

**Certified quality:** Every step of the culture media production is carried out in the ISO 9001 and ISO 13485 certified production.

### OUR PORTFOLIO

**Dry culture media:** Dehydrated microbiological media and components (powder) in the pack sizes 500 g, 2 kg, 5 kg and 10 kg as well as supplements.

**Ready-to-use culture media:** Contact plates (55 mm), membrane filtration plates (55 mm), prepared plates (90 mm), solid and liquid culture media and solutions in bags, bottles and vials.

### YOUR APPLICATIONS

Hygiene control, isolation, counting and detection of bacteria, yeasts, fungi.



#### Individual solutions for you

You are missing specific culture media? Please get in touch with your contact sales person directly or send an e-mail with questions and comments to [sales@thgeyer.com](mailto:sales@thgeyer.com)



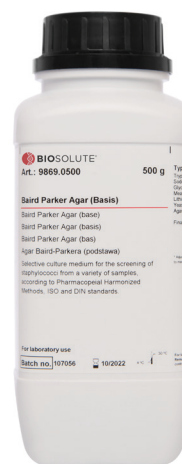
## DEHYDRATED CULTURE MEDIA, SUPPLEMENTS AND MEDIA COMPONENTS

BIOSOLUTE® dehydrated microbiological culture media fulfill particularly high requirements and are available in a large selection for a wide range of applications e.g. in analytics and industrial microbiology. BIOSOLUTE® dehydrated culture media are suitable for use in validated methods, international standards, microbiological guidelines and ISO standards. Growth testing of the media is carried out in accordance with Ph. Eur. and DIN EN ISO 11133.

All dehydrated culture media are available in 500 g, 2 kg, 5 kg and 10 kg pack sizes.

### DEHYDRATED CULTURE MEDIA

Description	PK	Art. no.
Baird Parker Agar (Base)	500 g	9869.0500
Tryptic Soy Agar (TSA) Ph. Eur.	500 g	9738.0500
CASO Bouillon (TSB) Ph. Eur.	500 g	9721.0500
Columbia Agar Ph. Eur.	500 g	9770.0500
DEV Nutrient Agar	500 g	9643.0500
Malt Extract Agar	500 g	8287.0500
Malt Extract Broth	500 g	8764.0500
MRS Agar ISO	500 g	8761.0500
MRS Broth	500 g	8733.0500
Nutrient Agar APHA, ISO	500 g	8657.0500
Peptone Water, buffered ISO	500 g	8449.0500
Plate Count Agar (PCA)	500 g	8425.0500
Plate Count Skim Milk Agar	500 g	8459.0500
Pseudomonas Selective Agar/Cetrimide Agar Ph. Eur.	500 g	9783.0500



### SUPPLEMENTS

Description	PK	Art. no.
Egg yolk Tellurite Emulsion 20 %	50 ml	9557.0050
Fraser Listeria Selective Supplement	10 Vials	9442.0010
Glycerol (Propane-1,2,3-triol)	100 ml	8110.0100
Half Fraser Listeria Selective Supplement	10 Vials	9250.0010
MUG (4-Methylumbelliferyl-β-D-glucuronide)	10 Vials	8751.0010



### MEDIA COMPONENTS

Description	PK	Art. no.
Agar Bacteriological, European Type	500 g	9972.0500
Yeast Extract	500 g	9263.0500
Malt Extract	500 g	8745.0500
Peptone from Casein (pancreatic digest of casein)	500 g	9754.0500
Soy Peptone, Papain Digested (animal-/GVO-free)	500 g	8490.0500
Tryptone from Casein (tryptic digest of casein)	500 g	8028.0500

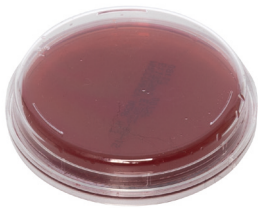


You can find these and many other BIOSOLUTE® products for microbiology in our webshop at [www.thgeyer.com](http://www.thgeyer.com)



## CONTACT PLATES, 55 MM

BIOSOLUTE® contact plates for microbiological control of disinfection and cleaning of surfaces are double-packed in practical blister packs of 6 contact plates or triple-packed in stacks of 8x 10 plates. Plates with click lock are packed 3x 10 in a stack. Items labelled RT should be stored at room temperature.



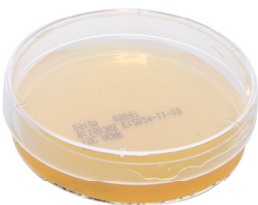
## PACKED IN BLISTER PACKS

Description	PK	Art. no.
Tryptic Soy Agar (TSA), RT	30	9698.0030
Tryptic Soy Agar (TSA) TL, RT	30	9691.0030
Tryptic Soy Agar (TSA) TLHTh, RT	30	9321.0030
DG 18 Agar, RT	30	9543.0030
DG 18 Metal Agar, RT	30	9531.0030
MacConkey Agar Nr. 3, RT	30	9456.0030
Malt Extract Agar, RT	30	9982.0030
Plate Count Agar (PCA), RT	30	9577.0030
Sabouraud Dextrose Chloramphenicol Agar, RT	30	9225.0030
VRBD Agar (Violet Red Bile Dextrose Agar), RT	30	9416.0030



## WITH CLICK CLOSURE

Description	PK	Art. no.
Tryptic Soy Agar (TSA) with Penase, RT	30	9757.0030
Tryptic Soy Agar (TSA) TLHTh, RT	30	9745.0030
Sabouraud Dextrose Chloramphenicol Agar, RT	30	9151.0030
Sabouraud TLHTh agar, RT	30	9158.0030



## MEMBRANE FILTRATION PLATES, 55 MM

BIOSOLUTE® membrane filtration plates for filtrated samples are suitable for use with methods according to ISO and other international guidelines. The plates of size 55 mm and filling volume  $9 \pm 1$  ml are packed in bags of 6x 5 plates each. Items labelled RT are stored at room temperature with a shelf life of up to 6 months.

Description	PK	Art. no.
Cetrimide Agar, RT	30	9254.0030
Chromogic Coliform Agar (CCA), RT	30	9956.0030
m-CP Agar, RT	30	9517.0030
m-Green Agar, RT	30	9339.0030
Plate Count Agar (PCA), RT	30	9256.0030
Pseudomonas CN Cetrimide Agar, RT	30	9252.0030
R2A Agar, RT	30	9161.0030
Slanetz and Bartley Agar, RT	30	9134.0030
Tergitol® 7-Lactose-TTC Agar, RT	30	9293.0030
TSC Agar, RT	30	9324.0030

## READY-TO-USE PLATES, 90 MM

BIOSOLUTE® prepared plates are available in a wide range for various applications for the isolation and identification of microorganisms. Plates for hygiene control for use in monitoring the microbiological contamination of surfaces and air in cleanrooms, isolators, the food industry and hospitals. Filling quantity 21 ± 2 ml, irradiated articles (8-14 Kgy) with indicator.

Depending on the application, the plates are also double or triple packed in cellophane bags or BOPP bags.

### FOR ISOLATION & IDENTIFICATION

Description	PK	Art. no.
Tryptic Soy Agar (TSA)	20	9762.0020
Columbia Agar with Sheep Blood	20	9772.0020
DG 18 Agar	20	9526.0020
Legionella GVPC Selektive Agar	20	9660.0020
Legionella Selective BCYE Agar with Antibiotics	20	9962.0020
MacConkey Agar No. 3	20	9452.0020
Malt Extract Agar	20	9980.0020
MYP Agar / Mannitol Egg Yolk Polymyxin Agar	20	9371.0020
Plate Count Agar (PCA)	20	9585.0020
YGC Agar (Yeast Extract Glucose Chloramphenicol Agar)	20	9844.0020

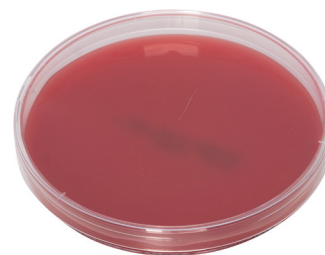
### FOR MICROBIOLOGICAL HYGIENE CONTROL

Description	PK	Art. no.
Tryptic Soy Agar (TSA)	20	9696.0020
Tryptic Soy Agar (TSA) TLHTh	20	9751.0020
R2A Agar	20	9160.0020
Sabouraud Dextrose Agar TLHTh	20	9781.0020
Sabouraud Dextrose Chloramphenicol Agar	20	9164.0020

## SETTLING PLATES, 90 MM

BIOSOLUTE® settling plates for the collection of environmental samples from the air (fully compatible with most commercially available air samplers) or for other types of environmental sampling e.g. finger, glove or swab samples. Fill volume of 30 ± 2 ml. Items labelled RT to be stored at room temperature.

Description	PK	Art. no.
Tryptic Soy Agar (TSA) (double wrapping)	20	9765.0020
Tryptic Soy Agar (TSA) (triple wrapping)	20	9778.0020
Tryptic Soy Agar (TSA) TLHTh (triple wrapping)	20	9774.0020
Tryptic Soy Agar (TSA) TLHTh, RT	20	8528.0020



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## READY-TO-USE MEDIA IN BOTTLES AND TUBES

BIOSOLUTE® liquid and solid ready-to-use culture media in bottles and tubes are available in a variety of sizes. Bottles with agar for pouring plates are sealed with plastic lids suitable for microwaves. Ready-to-use liquid media for pre-enrichment, dilution or for sterility control are sealed with a septum. Storage is at room temperature with a shelf life of 12 to 16 months.



## LIQUID CULTURE MEDIA AND SOLUTIONS

Description	PK	Art. no.
Tryptone Soy Broth Ph. Eur.	20x 9 ml	9710.0009
E.E. Mossel Broth (Enterobacteriaceae Enrichment)	10x 100 ml	9440.0100
Brain Heart Infusion Broth (BHI)	20x 10 ml	9492.0010
Lauryl Sulphate Broth	20x 9 ml	9216.0009
MacConkey Broth Ph. Eur.	10x 100 ml	9446.0100
Peptone Sorbitol Bile (PSB) Broth	10x 100 ml	9286.0100
Rappaport Vassiliadis Broth Ph. Eur.	20x 10 ml	9658.0010
Rappaport Vassiliadis Broth	20x 10 ml	9647.0010

## SOLID CULTURE MEDIA



Description	PK	Art. no.
Tryptic Soy Agar (TSA)	10x 400 ml	9692.0400
Kanamycin Esculin Azide Agar	10x 200 ml	9842.0200
Nutrient Agar DEV	10x 200 ml	9396.0200
Orange Serum Agar	10x 200 ml	9595.0200
Plate Count Agar (PCA)	10x 200 ml	9310.0200
Sabouraud Dextrose Chloramphenicol Agar	10x 200 ml	9675.0200
VRBD Agar (Violet Red Bile Dextrose Agar)	10x 450 ml	9863.0450
YGC Agar (Yeast Extract Glucose Chloramphenicol Agar)	10x 200 ml	9849.0200

## READY-TO-USE MEDIA IN BAGS

BIOSOLUTE® liquid ready-to-use media in bags for larger regular demand are available in 2 litre, 3 litre and 5 litre sizes. The sterile PVC bags are plasticiser-free and suitable for use in food testing. With two outlets, an injection opening made of latex-free polycarbonate for the addition of additives and a connection point for an automatic dispenser. It can be stored at room temperature with a shelf life of 12 to 16 months.



Description	PK	Art. no.
Tryptone Soy Broth (TSB)	2x 5 l	9740.5000
Half Fraser Broth, ISO	3x 3 l	9653.3000
Lauryl Sulphate Broth	2x 5 l	9237.5000
Maximum Recovery Diluent (MRD)	2x 5 l	9099.5000
Peptone Water, buffered, ISO (BPB)	3x 3 l	9240.3000

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## BIOSOLUTE® LIFE SCIENCE PRODUCTS THE BRAND FOR YOUR LABORATORY REQUIREMENTS

With the portfolio from our brand trio, you are always on the safe side when purchasing laboratory supplies. LABSOLUTE® offers you consumables, CHEMSOLUTE® laboratory chemicals and BIOSOLUTE® life science products. This third brand stands for

- better orientation and easier selection in our constantly growing range
- articles specially tailored to your requirements in the life science laboratory
- more than 700 articles that can already be ordered in our webshop
- products from microbiology, molecular biology, cell culture and histology
- consistent high quality, attractive prices and reliable availability
- innovative solutions, e.g. customised articles
- Th. Geyer's many years of expertise in the life science sector

By the way: In addition to the product groups presented in this brochure, BIOSOLUTE® offers you a constantly growing selection of biochemicals.

Our range includes among others PBS buffer tablets and powders, MOPS buffers and agaroses. We also offer a wide range of kits and reagents to support your experiments. All our products are available in different sizes and concentrations to ensure you get the right amount for your application.

BIOSOLUTE® – this is the brand you should always think of when shopping for your life science laboratory supplies.





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