

TECHNICAL DATA SHEET

Article No. 8657

Nutrient Agar APHA

SYNONYMS

-

SPECIFICATION

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

FORMULA* IN G/L

Peptone	5.00
Meat extract	3.00
Agar	15.00

Final pH 7.0 ±0.2 at 25 °C

*Adjusted and/or supplemented as required to meet performance criteria.

DIRECTIONS

Suspend 23 g of powder in 1 l of distilled water and bring to the boil. Dispense into suitable containers and sterilize in the autoclave at 121 °C for 15 minutes.

DESCRIPTION

Nutrient Agar APHA is a classical meat infusion medium. It is a very simple medium that can be used as a routine culture medium or as nutrient base to which growth factors can be added if necessary.

This medium with the pH adjusted to 8.0 ±0.2 is recommended for use as Assay Medium H in the Antibiotic Assay Chapter of the European Pharmacopoeia 6.0.

Th. Geyer GmbH & Co. KG

Dornierstr. 4 – 6
D-71272 Renningen
Tel.: +49 7159 1637-0
Fax: +49 7159 1637-710
renningen@thgeyer.de
www.thgeyer.de

BW-Bank (Swift/BIC SOLADEST600)
IBAN DE85600501010002036302
Postbank Stuttgart (Swift/BIC PBNKDEFFXXX)
IBAN DE3260010070000020708
Deutsche Bank (Swift/BIC DEUTDESSXXX)
IBAN DE06600700700125518100

St.-Nr. 70093/40018 / USt-IdNr. DE147510304
Amtsgericht Stuttgart / HRA-Nr. 254140
Persönlich haftende Gesellschafterin:
Geyer Beteiligungsgesellschaft mbH
Amtsgericht Stuttgart / HRB-Nr. 252035
Geschäftsführer: Lutz-Alexander Geyer / Thomas Roth

QUALITY CONTROL

- Incubation temperature: 30 ±1.0 °C
- Incubation time: 24 ±2 h
- Inoculum: Practical range 100 ±20 CFU. Min. 50 CFU (productivity), according to ISO 11133:2014. Spiral Plate Method.

Microorganism	Growth	Remarks
<i>Escherichia coli</i> ATCC® 8739	Productivity >0.70	None
<i>Salmonella enteritidis</i> ATCC® 13076	Productivity >0.70	None
<i>Staphylococcus aureus</i> ATCC® 6538	Productivity >0.70	None
<i>Salmonella typhimurium</i> ATCC® 14028	Productivity >0.70	None
<i>Bacillus subtilis</i> ATCC® 6633	Productivity >0.70	None
<i>Yersinia enterocolitica</i> ATCC® 9610	Productivity >0.70	None

REFERENCES

- ATLAS, R.M., L.C. PARKS (1993) Handbook of Microbiological Media. CRC Press, Inc. London
- EUROPEAN PHARMACOPOEIA 6.3 (2009) § 2.7.2 Microbiological Assay of Antibiotics (pg 3940). EDQM. Council of Europe. Strasbourg.
- ISO Standard 6579-1 (2017) Microbiology of food chain - Horizontal method for the detection, enumeration and serotyping of Salmonella - Part 1: Detection of Salmonella spp.
- ISO 6785 Standard (2001). Milk and milk products– Detection of Salmonella spp.
- ISO 10273 Standard (1994) General guidance for the detection of presumptive pathogenic *Yersinia enterocolitica*.
- ISO 11133:2014. Microbiology of food, animal feed and water. Preparation, production, storage and performance testing of culture media.

STORAGE

Keep tightly closed, away from light, in a dry place (4-30 °C).

SHELF LIFE

5 years from date of production.

Th. Geyer GmbH & Co. KG

Dornierstr. 4 – 6
D-71272 Renningen
Tel.: +49 7159 1637-0
Fax: +49 7159 1637-710
renningen@thgeyer.de
www.thgeyer.de

BW-Bank (Swift/BIC SOLADEST600)
IBAN DE85600501010002036302
Postbank Stuttgart (Swift/BIC PBNKDEFFXXX)
IBAN DE32600100700000020708
Deutsche Bank (Swift/BIC DEUTDESSXXX)
IBAN DE06600700700125518100

St.-Nr. 70093/40018 / USt-IdNr. DE147510304
Amtsgericht Stuttgart / HRA-Nr. 254140
Persönlich haftende Gesellschafterin:
Geyer Beteiligungsgesellschaft mbH
Amtsgericht Stuttgart / HRB-Nr. 252035
Geschäftsführer: Lutz-Alexander Geyer / Thomas Roth