



Dehydrated Culture Media
Bases / Media Supplements

Technical Information

OA Selective Supplement

Product Code: MS2212A

Application: A selective supplement recommended by ISO Committee for the isolation of *Listeria species*.

Composition**

Per vial sufficient for 500 ml medium,

Ingredient	Concentration
Polymyxin B Sulphate	38350 IU
Ceftazidime	10mg
Nalidixic acid, sodium salt	10mg
Amphotericin B	5mg

Directions

Rehydrate the contents of 1 vial aseptically with 2 ml of 0.2 N Sodium hydroxide, further add 8 ml of sterile distilled water. Mix well and aseptically add it to 465 ml of sterile, molten, cooled (45-50°C) HiCrome™ *Listeria* Ottaviani-Agosti Agar Base DM2540I / MiCrome *Listeria* Ottaviani-Agosti MiVeg™ Agar Base VM2540A / MiCrome *Listeria* Ottaviani-Agosti MiCynth Agar Base MCD2540A along with sterile contents of one vial of LP Enrichment Supplement 1 MS2214 or add in 475 ml of sterile, molten, cooled (45-50°C)

L. mono Confirmatory Agar Base DM2552 / L. mono Confirmatory MiVeg Agar Base VM2552 along with sterile contents of one vial of LM Enrichment Supplement II MS2227. Mix well and pour into sterile petri plates.

Type of specimen

Food samples.

Specimen Collection and Handling

For Food samples follow appropriate techniques for handling specimens as per established guidelines (1,2). After use, contaminated materials must be sterilized by autoclaving before discarding.

Warning & Precautions

Read the label before opening the container. Wear protective gloves/protective clothing/eye protection/face protection. Follow good microbiological lab practices while handling specimens and culture. Standard precautions as per established guidelines should be followed while handling clinical specimens. Safety guidelines may be referred in individual safety data sheets.

Disposal

User must ensure safe disposal by autoclaving and/or incineration of used or unusable preparations of this product. Follow established laboratory procedures in disposing of infectious materials and material that comes into contact with clinical sample must be decontaminated and disposed of in accordance with current laboratory techniques (3, 4).

Storage and Shelf Life

Store at 2-8°C. Use before expiry date on the label.



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Reference

1. Microbiology of the food chain — Horizontal method for the detection and enumeration of *Listeria monocytogenes* and of *Listeria* spp. - Part 1 , Detection method ; ISO 11290-1:2017.
2. Jorgensen, J.H., Pfaller, M.A., Carroll, K.C., Funke, G., Landry, M.L., Richter, S.S and Warnock., D.W. (2015) Manual of Clinical Microbiology, 11th Edition. Vol. 1
3. Isenberg (Ed.), 2004, Clinical Microbiology Procedure Handbook Vol.3, American Society for Microbiology, Washington. D.C.

***Not For Medicinal Use**

Disclaimer

- User must ensure suitability of the product(s) in their application prior to use.
- The product conforms solely to the technical information provided in this booklet and to the best of knowledge research and development work carried at **CDH** is true and accurate.
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