M-CP Selective Supplement - II

FD154

Filter sterilized 0.5% solution of phenolphthalein diphosphate, recommended by the Directive of the Council of the European Union 98/83/EC for the selective isolation of *Clostridium perfringens*.

Composition

Per vial sufficient for 500 ml medium

Ingredients	Concentration
Phenolphthalein diphosphate	0.050g
Distilled water	10ml

Directions:

Warm up the refrigerated 0.5% phenolphthalein diphosphate solution to room temperature and add aseptically 10 ml of solution to 485 ml sterile, molten, cooled (45-50ºC) M-CP Agar Base M1354/ M-CP HiVeg® Agar Base MV1354 along with rehydrated contents of one vial of M-CP Selective Supplement I FD153. Mix well and pour into sterile petri plates.

Type of specimen

Water samples; Food samples

Specimen Collection and Handling

For water samples, follow appropriate techniques for sample collection, processing as per guidelines (1).
For food samples, follow appropriate techniques for sample collection and processing as per guidelines (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 specimens. Safety guidelines may be referred in individual safety data sheets.

Storage and Shelf Life

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

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).

Reference

1. Lipps WC, Braun-Howland EB, Baxter TE,eds. Standard methods for the Examination of Water and Wastewater, 24th e Washington DC:APHA Press; 2023.
2.Salfinger Y., and Tortorello M.L. Fifth (Ed.), 2001, Compendium of Methods for the Microbiological Examination of Foods, 5th Ed., American Public Health Association, Washington, D.C.
3.Isenberg (Ed.),2004, Clinical Microbiology Procedures Handbook, Vol.3, American Society for Microbiolog Washington. D.C.
4.Jorgensen, J.H., Pfaller, M.A., Carroll, K.C., Funke, G., Landry, M.L., Richter, S.S and Warnock., D.W. (2015) Manual Clinical Microbiology,11th Edition. Vol. 1.

*** Not For Medicinal Use**

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