



# Technical Data

## Fraser Supplement

FD141

Recommended for selective isolation and enumeration of *Listeria monocytogenes* from food, animal feeds etc.

### Composition

Per vial sufficient for 500 ml medium

#### Ingredients

#### Concentration

Ferric ammonium citrate

250mg

### Directions:

Rehydrate the contents of 1 vial aseptically with 1-2 ml of sterile distilled water. Mix well. For primary enrichment aseptically add 2 vials to 1000 ml, sterile, cooled (45-50°C) Fraser Broth Base [M1327](#) / Fraser HiVeg™ Broth Base [MV1327](#) / Fraser Broth Base, Granulated [GM1327](#) along with rehydrated contents of 1 vial of Fraser Selective Supplement [FD1251](#) or add 1 vial to 500 ml sterile Fraser Broth Base [M1327](#) / Fraser HiVeg™ Broth Base [MV1327](#)/ Fraser Broth Base, Granulated [GM1327](#) along with rehydrated contents of 1 vial of Fraser Selective Supplement [FD1251](#) for secondary enrichment. Aseptically add 2 vials to 1000 ml, sterile, cooled (45-50°C) Fraser Broth Base, Modified (Half Fraser Broth) [M1764](#). Mix well before dispensing as desired.

### 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.

### Storage and Shelf Life

Store between 10 - 30°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. 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. Microbiology of the food chain — Horizontal method for the detection and enumeration of *Listeria monocytogenes* and of *Listeria* spp.- Part2, Enumeration method ; ISO 11290-2:2017
3. Isenberg (Ed.),2004, Clinical Microbiology Procedures Handbook, Vol.3, American Society for Microbiology, 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 of Clinical Microbiology, 11th Edition. Vol. 1.

\* Not For Medicinal Use

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#### Disclaimer :

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