

Listeria Chromogenic Selective Supplement (NCM4002)

Intended Use

A selective culture media supplement designed for the isolation of *Listeria monocytogenes* according to ISO 11290:2017. Listeria Chromogenic Selective Supplement is intended for use in culture media for the microbiological analysis of food, animal feed, water and environmental samples, and is for use with:

NCM1004 Listeria Chromogenic Agar (Ottaviani & Agosti)

Typical Formulation

| | |
|----------------|-------------|
| Nalidixic Acid | 20.0 mg/L |
| Ceftazidime | 20.0 mg/L |
| Polymyxin B | 76 700 IU/L |
| Amphotericin B | 10.0 mg/L |

Typical Formulation by Vial Size

| | Per 500 mL Vial NCM4002-0.5 |
|----------------|--------------------------------|
| Nalidixic Acid | 10 mg |
| Ceftazidime | 10 mg |
| Polymyxin B | 38 350 IU |
| Amphotericin B | 5 mg |

Precaution

Refer to SDS

Preparation

1. Using aseptic technique, remove the crimp cap and rubber stopper. Aseptically retain the stopper.
2. Reconstitute the contents of the vial using the appropriate volume of sterile deionized/RO water as indicated in the table below.
3. Replace the rubber stopper and gently shake or invert the contents to dissolve.
4. Add the vial contents to the cooled medium as per the label directions.

| | NCM4002-0.5 |
|----------------------------------|-------------|
| Supplement Reconstitution Volume | 5 mL |
| Media Prep Volume | 500 mL |

Quality Control Specifications

Lyophilized Appearance: Yellow/orange pellet which may break up with agitation.

Reconstituted Appearance: Cloudy, yellow solution.

Storage

Store sealed vial at 2-8°C away from direct sunlight.

Expiration

Refer to expiration date stamped on the container. Expiry applies to unopened dehydrated supplement.

Technical Specification Sheet



Precautions

Discard if lyophilized supplement demonstrates any moisture uptake or appears to have liquefied; discard if reconstituted supplement demonstrates any precipitate.

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