

Technical Specification Sheet



Salmonella Selective Supplement (NCM4000)

Intended Use

A selective culture media supplement designed for the isolation of *Salmonella*. Salmonella 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:

NCM0270	Buffered Peptone Water HQ (ISO) DCM
NCM3207	Buffered Peptone Water HQ (ISO) (10 x 20L ready-to-reconstitute bags)
NCM3402	Buffered Peptone Water HQ (ISO) (3 x 3L bags)

Typical Formulation in 1 L BPW HQ (ISO)

Selective Mixture	58.0 mg/L
Dye	5.3 mg/L
Excipient	381.0 mg/L

Typical Formulation by Volume

	Per Sample (225mL BPW HQ)	Per NCM4000-100 Vial (100 samples)	Per NCM4000-10C Capsule
Selective Mixture	13.05 mg	1305 mg	130.5 mg
Dye	1.2 mg	120 mg	12 mg
Excipient	85.75 mg	8575 mg	360.5 mg

Precaution

Refer to SDS

Preparation for NCM4000-100 (1 vial of 100g)

1. Using aseptic technique, remove the plastic screw cap. Aseptically retain the cap.
2. Reconstitute the contents of the vial using the 100mL of sterile BPW HQ (ISO) or sterile deionized/RO water as indicated in the table below.
3. Replace the plastic screw cap and gently shake or invert the contents to dissolve.
4. Add the reconstituted supplement as described in the Technical Product Information Sheet for the One Broth One Plate Salmonella workflow. Please note this supplement is to be added to each individual sample rather than in bulk to larger volumes to give flexibility with the broth.

5.

Preparation for NCM4000-10C (10 Capsules)

1. Aseptically remove 1 capsule from the container
2. Add or empty the capsule into a sterile universal or sterile container containing the appropriate volume of sterile BPW HQ (ISO) or sterile deionized/RO water as indicated in the table below.
3. Cap the universal/container and gently shake or invert the contents.
4. Leave the capsule to dissolve fully and gently shake or invert to ensure contents are mixed.
5. Add the reconstituted supplement as described in the Technical Product information for the One Broth One Plate Salmonella workflow.

	NCM4000-100	Per capsule NCM4000-10C
Supplement Reconstitution Volume	100 mL	10 mL
Media Prep Volume	100 x 225mL samples	10 x 225 mL



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Quality Control Specifications

Appearance of NCM4000-100: Blue/Green Powder

Appearance of NCM4000-10C: Blue/Green Powder in a clear/transparent capsule

Reconstituted Appearance: Dark blue, opaque solution with white precipitate when left to settle.

Storage

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

Expiration

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

Precautions

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

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