

Technical Specification Sheet



Polymyxin B for Bacillus (NCM4032)

Intended Use

A selective supplement for the isolation of *Bacillus cereus* according to ISO 7932:2004. Polymyxin B is intended for use in culture media for the microbiological analysis of food, animal feed, water and environmental samples, and is for use with:

NCM0062	Bacillus cereus MYP Agar
NCM0165	Bacillus cereus Agar Base (PEMBA)

Typical Formulation

Polymyxin B 100,000 IU/L*

*Equivalent to approximately 13mg/L

Typical Formulation by Vial Size

	Per 500 mL Vial NCM4032-0.5
Polymyxin B	50,000 IU

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.

	NCM4032-0.5
Supplement Reconstitution Volume	5 mL
Media Prep Volume	500 mL

Quality Control Specifications

Lyophilized Appearance: Homogenous white dried pellet; may break up with agitation.

Reconstituted Appearance: Clear colorless 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.

Precautions

Discard if lyophilized supplement demonstrates any moisture uptake or appears to have liquefied.



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