

Polymyxin B (NCM4018) SKU: 700004879, 700004880

Intended Use

A selective culture media supplement for the isolation of *Bacillus cereus*. Polymyxin B is intended for use in culture media for the microbiological analysis of food, animal feed, water and environmental samples, and can be used with:

NCM0062 or 400000778

Bacillus cereus MYP Agar

NB – To follow ISO 21871:2006 requirements please use NCM4032 or 700004892

Typical Formulation

Polymyxin B 64,000 IU/L*

*Equivalent to approximately 8mg/L

Typical Formulation by Vial Size

	Per 500 mL Vial NCM4018-0.5 or 700004879	Per 1 L Vial NCM4018-1.0	Per 8 L Vial NCM4018-8.0 or 700004880
Polymyxin B	32,000 IU	64,000 IU	512,000 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.

	NCM4018-0.5 or 700004879	NCM4018-1.0	NCM4018-8.0 or 700004880
Supplement Reconstitution Volume	5 mL	5 mL	5 mL
Media Prep Volume	500 mL	1 L	8 L

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 supplements.

Precautions

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