

Technical Specification Sheet



Cefixime Tellurite (NCM4045)

Intended Use

A selective culture media supplement for the isolation of *E. coli* O157. Cefixime Tellurite is intended for use in culture media for the microbiological analysis of food, animal feed, water and environmental samples, and is for use with:

NCM0167	Sorbitol MacConkey Agar
NCM1007	Harlequin® Sorbitol MacConkey Agar (SMAC-BCIG)

Typical Formulation

Cefixime	0.05 mg/L
Potassium Tellurite	2.5 mg/L

Typical Formulation by Vial Size

	Per 500 mL Vial NCM4045-0.5
Cefixime	0.025 mg
Potassium Tellurite	1.25 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.

	NCM4045-0.5
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: Slightly hazy colorless solution without a precipitate.

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; discard if reconstituted supplement demonstrates any precipitate.



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