

Technical Specification Sheet



Chloramphenicol (100 mg/L) (NCM4051)

Intended Use

A culture media supplement intended for the isolation of yeasts and molds, suppressing the growth of most contaminating bacteria. Chloramphenicol is intended for use in culture media for the microbial analysis of food, animal feed, water and environmental samples and is for use with:

NCM0187 Yeast Extract Dextrose Chloramphenicol Agar

Typical Formulation

Chloramphenicol 100.0 mg/L

Typical Formulation by Vial Size

	Per 500 mL Vial NCM4051-0.5	Per 1L Vial NCM4051-1.0
Chloramphenicol	50 mg	100 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 100% ethanol 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.

	NCM4051-0.5	NCM4051-1.0
Supplement Reconstitution Volume	5 mL	5 mL
Media Prep Volume	500 mL	1 L

Quality Control Specifications

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

Reconstituted Appearance: Clear 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 medium in its intact container when stored as directed.

Limitations

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



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