

# Technical Specification Sheet



## Novobiocin (NCM4040)

### Intended Use

A selective culture media supplement designed to inhibit Gram-positive organisms. Novobiocin is intended for use in culture media for the microbiological analysis of food, animal feed, water and environmental samples, and is for use with:

NCM0026	Tryptic Soy Broth, Modified with Acid Digest of Casein
NCM0067	Modified Semi-Solid Rappaport-Vassiliadis (MSRV) Agar
NCM0126	Mueller-Kauffmann Tetrathionate-Novobiocin (MKTn) Broth
NCM0196	O157 Broth (mTSB)

### Typical Formulation by Vial Size

	Per Vial NCM4040-0.5
Novobiocin	10 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.

	NCM4040-0.5
Supplement Reconstitution Volume	5 mL
Media Prep Volume	Varies according to DCM*

\*Please refer to the preparation instructions in the Technical Specification Sheet for the media you are preparing.

### 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 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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