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## Product Specification

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**Product Name:** Modified Cellobiose Polymyxin Colistin (mCPC) Agar Base

**Product Code:** SG7361 / SG7362

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### PRODUCT DESCRIPTION:

Modified Cellobiose Polymyxin Colistin (mCPC) Agar Base (CPC Agar Base) is used for the isolation of *Vibrio vulnificus* and other *Vibrio* spp. This product is available in both dehydrated and granulated form.

### Use:

Stir to suspend 50.1 g of dehydrated/granulated medium in 1L distilled H<sub>2</sub>O. Mix well with heat with frequent agitation. Boil for one minute or until it completely dissolves. Do not Autoclave. Allow to cool (40– 45°C) before aseptically adding 10 mL of supplement solution (10 g of Cellobiose, 10 mg of Polymyxin B and approximately 1.33 mg of Polymyxin E) to every 90 mL of the medium. Dispense into petri dishes. For laboratory use only.

### Components:

Peptone - 10.0 g/L

Beef Extract - 5.0 g/L

Sodium Chloride - 20.0 g/L

Bromothymol Blue – 0.04 g/L

Cresol Red – 0.04 g/L

Agar - 15.0 g/L

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Item	Description
<b><u>Physical and Chemical Tests</u></b>	
Appearance (dry):	Yellowish Powder / Granules
pH (@25°C):	7.6 ± 0.2
<b><u>Microbiological Tests</u></b>	
<i>Vibrio vulnificus</i> (ATCC 27562)	<b><u>Quality Control Results</u></b> PR ≥ 0.1; yellow colonies that are circular and flat, with an opaque center and transparent edges
<i>Vibrio cholerae</i> (VBO)	Purple colonies
<i>Vibrio parahaemolyticus</i> (ATCC 17802)	G ≤ 1

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\* The microbiological test results were obtained from type cultures after incubation at a temperature of 36 ± 1°C and observed after 18 ± 1 hours.

**Storage:** Store in a dry and dark place at room temperature. Tighten the cap immediately after use.