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## Product Specification

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**Product Name:** SPS Agar Base (Sulfite Polymyxin Sulfadiazine)

**Product Code:** SG7369

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### PRODUCT DESCRIPTION:

SPS Agar Base (Sulfite Polymyxin Sulfadiazine) is used for the isolation and enumeration of Clostridium perfringens from food, water and environmental samples.

### Use:

Stir to suspend 42.0 g of dehydrated medium in 1L distilled H<sub>2</sub>O. Mix well with heat with frequent agitation. Boil for one minute. Autoclave at 121°C for 15 minutes. Allow to cool (40– 45°C) before aseptically adding one vial each of 1.2 mg Polymyxin B (SG7370) and Sulfadiazine Sodium (SG7371) to every 100 mL of the medium. Dispense into petri dishes. For laboratory use only.

### Components:

Tryptic Digest of Casein (Peptone) - 15.0 g/L

Yeast Extract Powder - 10.0 g/L

Ferric Ammonium Citrate - 1.0 g/L

Sodium Sulfite - 1.0 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
pH (@25°C):	7.0 ± 0.2
<b><u>Microbiological Tests</u></b>	
<i>Clostridium perfringens</i> (ATCC 13124)	<b><u>Quality Control Results</u></b> PR ≥ 0.7; black colonies
<i>Escherichia coli</i> (ATCC 25922)	Inhibited

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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 24 hours.

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