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## Product Specification

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**Product Name:** Blood Agar Base

**Product Code:** SG7294

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### PRODUCT DESCRIPTION:

Blood Agar Base is used for isolating and enumerating fastidious pathogenic microorganisms in food and clinical specimens.

### Use:

Stir to suspend 33.0 g of dehydrated medium in 1L distilled H<sub>2</sub>O. Mix well with heat with frequent agitation. Boil for one minute then autoclave it at 121 °C for 15min. Allow to cool (40– 45°C) before aseptically adding 5 to 10 mL of Fresh Defibrinated Sheep Blood to every 100 mL of the medium. Dispense into petri dishes. For laboratory use only.

### Components:

Peptone - 10.0 g/L

Beef Extract Powder - 3.0 g/L

Sodium Chloride - 5.0 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):	7.3 ± 0.2
<b><u>Microbiological Tests</u></b>	
<i>Staphylococcus aureus</i> (ATCC 6538)	<b><u>Quality Control Results</u></b> β-hemolytic zone around the colony
<i>Streptococcus pneumoniae</i> (CMCC(B)33412)	The colony was surrounded by an α-hemolytic zone

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\* The microbiological test results were obtained from type cultures after incubation at a temperature of 36°C and observed after 24 hours.

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