
Product Specification

Product Name: Columbia Blood Agar Base

Product Code: SG7374 / SG7375

PRODUCT DESCRIPTION:

Columbia Blood Agar Base is a multi-purpose medium suitable for the cultivation of fastidious organisms. This product is available in both dehydrated and granulated form.

Use:

Stir to suspend 41.0 g of dehydrated/granulated medium in 1L distilled H₂O. 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 5 mL of sterile defibrinated sheep blood to every 100 mL of the medium. Dispense into petri dishes. For laboratory use only.

Components:

Animal Tissue Enzymatic Digest - 23.0 g/L

Starch - 1.0 g/L

Sodium Chloride - 5.0 g/L

Agar - 12.0 g/L

Item	Description
<u>Physical and Chemical Tests</u>	
Appearance (dry):	Yellowish Powder / Granules
pH (@25°C):	7.3 ± 0.2
<u>Microbiological Tests</u>	
<i>Staphylococcus aureus</i> (ATCC 6538)	β-hemolysis rings around the colony
<i>Streptococcus pneumoniae</i> (CMCC(B)33412)	α-hemolysis rings around the colony
<u>Quality Control Results</u>	

* 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.