
Product Specification

Product Name: Casein Agar (Casein Hydrolysis Agar)

Product Code: SG7355

PRODUCT DESCRIPTION:

Casein Agar (Casein Hydrolysis Agar) is used for the differentiation of aerobic actinomycetes.

Use:

Stir to suspend 35.1 g of dehydrated medium in 1L distilled H₂O. 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 making additions, such as antibiotics (if desired). Dispense into petri dishes. For laboratory use only.

Components:

Casein - 10.0 g/L

Beef Extract Powder - 3.0 g/L

Sodium Chloride - 5.0 g/L

Anhydrous Disodium Hydrogen Phosphate – 2.0 g/L

Bromothymol Blue – 0.05 g/L

Agar - 15.0 g/L

Item	Description
<u>Physical and Chemical Tests</u>	
Appearance (dry):	Yellowish Powder
pH (@25°C):	7.4 ± 0.2
<u>Microbiological Tests</u>	
<i>Bacillus cereus</i> (CMCC(B)63303)	<u>Quality Control Results</u> Transparent circles around colonies; medium color changes from green to blue
<i>Escherichia coli</i> (ATCC25922)	No transparent circle around colonies; medium color changes from green to blue

* 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.