
Product Specification

Product Name: Brain Heart Infusion Agar (BHI Agar)

Product Code: SG7230 / SG7231

PRODUCT DESCRIPTION:

Brain Heart Infusion Agar (BHI Agar) is used for the development of fastidious microorganisms. This product is available in both dehydrated and granulated form.

Use:

Stir to suspend 52.0 g of dehydrated/granulated medium in 1L distilled H₂O. Mix well with heat with frequent agitation. Boil for one minute. Autoclave for 15 minutes at 121°C to sterilize. Allow to cool (40–45°C) before making additions, such as antibiotics (if desired). For laboratory use only.

Components:

Peptone – 10.0g/L

Calf Brain Infusion – 12.5g/L

Glucose – 2.0g/L

Beef Heart Infusion – 5.0g/L

Sodium Chloride – 5.0g/L

Disodium Hydrogen Phosphate – 2.5g/L

Agar – 15.0g/L

Item	Description
<u>Physical and Chemical Tests</u>	
Appearance (dry):	Yellowish Powder / Granules
pH (@25°C):	7.3 ± 0.1
<u>Microbiological Tests</u>	
Escherichia coli (ATCC 25922)	PR ≥ 0.7, grayish-white colonies
Group A beta-hemolytic streptococcus (CMCC(B)32210)	PR ≥ 0.7, grayish-white colonies
Enterococcus faecalis (ATCC 29212)	PR ≥ 0.7, grayish-white colonies
<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 18–24 hours.

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