



# BRAIN HEART INFUSION AGAR WITH 5% SHEEP BLOOD

## Material 5033

### PHYSICAL CHARACTERISTICS:

Appearance: Prepared medium is opaque and bright to dark red

pH: 7.2 - 7.6 @25°C

### GROWTH RECOVERY:

Test Organisms	Expected Results
<i>Aspergillus brasiliensis</i> ATCC® 16404	Good growth; N/A
<i>Escherichia coli</i> ATCC® 25922	Good growth; β hemolysis
<i>Staphylococcus aureus</i> ATCC® 25923	Good growth; β hemolysis
<i>Streptococcus pneumoniae</i> ATCC® 6305	Good growth; β hemolysis
<i>Streptococcus pyogenes</i> ATCC® 19615	Good growth; α hemolysis

### STORAGE AND HANDLING INSTRUCTIONS:

Store sealed sleeves inverted at 2-8°C upon receipt. Do not heat or freeze and minimize exposure to light. Plates should be warmed to room temperature prior to use - not to exceed 30°C. Product expiry is 183 days (6 months) from the date of manufacture. Reference our Prepared Media Storage and Handling document for additional information.

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## PRODUCT INFORMATION

BHI Agar is a highly nutritious general-purpose growth medium utilized for the cultivation of fastidious and non-fastidious microorganisms. The addition of blood increases the recovery of pathogenic dimorphic fungi.

### FORMULA\* (per Liter):

Brain Heart Infusion (from Solids) 8.0g  
 Peptic Digest of Animal Tissue .....5.0g  
 Pancreatic Digest of Casein .....16.0g  
 Sodium Chloride .....5.0g  
 Dextrose .....2.0g  
 Disodium Phosphate .....2.5g  
 Agar .....13.5g  
 Sheep Blood, Defibrinated .....5%

\*Adjusted and/or supplemented as required to meet performance criteria

## S<sup>2</sup> Media

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