



Product Specifications

BLOOD AGAR BASE #2

<u>Catalog #</u>	<u>Size</u>
IB49200	500gm
IB49201	2Kg
IB49202	5Kg

Physical Specifications

CAS# N/A
pH (@ 25°C) 7.4 ± 0.2
NOTE: Grams per liter may be adjusted to obtain desired performance.

Organism

Escherichia coli ATCC 25922
Staphylococcus aureus ATCC 25923
Streptococcus pneumoniae ATCC 6305
Streptococcus pyogenes ATCC 19615

Result

Growth
Growth
Growth
Growth

Hemolysis

-
Beta
Alpha
Beta

Formula per Liter

- Casein Digest Peptone 7.5gm
- Peptic Digest of Animal Tissue 7.5gm
- Sodium Chloride 5.0gm
- Liver Digest 5.0gm
- Yeast Extract 5.0gm
- Agar 12.0gm

Preparation

Mix 39.5 grams of the medium in a Liter of purified water until evenly dispersed. Heat with repeated stirring and boil for one minute to dissolve completely. Distribute and autoclave at 121°C for 15 minutes. Prepare 5 to 10% blood agar by adding the appropriate volume of sterile defibrinated blood to melted sterile agar medium, cooled to 45-50°C. Dispense into Petri dishes or tubes.

Recommended Use

Blood Agar Base #2 is recommended for the cultivation of a wide variety of microorganisms. When prepared with 5 to 10% blood, the media can be used to cultivate fastidious microorganisms and study hemolytic reactions.

Storage

Store at room temperature (less than 30°C). Keep tightly sealed. Protect from moisture and light.

Warning

Avoid contact to the eyes, respiratory system, and skin. Wear suitable protective clothing, gloves, and eye/face protection. See Material Safety Data Sheet for additional information.