

PRODUCT INFORMATION



ALPHA[™]
BIOSCIENCES

Brain Heart Infusion Broth

Cat. No. B02-113

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DESCRIPTION

Brain Heart Infusion Broth is used for the cultivation of fastidious microorganisms. Brain Heart Infusion and Proteose Peptone provide a source of carbon, nitrogen and vitamins.

PREPARATION

Mix 37 grams of the medium in one liter of purified water until evenly dispersed. Heat with repeated stirring to dissolve completely. Distribute and autoclave at 121°C for 15 minutes.

QUALITY CONTROL SPECIFICATIONS

1. The powder is homogeneous, free flowing, and beige.
2. Visually the prepared medium is amber and clear.
3. Expected cultural response after incubation at 35°C ± 2.

Formula* per Liter:

Brain Heart Infusion.....	17.5g
Proteose Peptone.....	10.0g
Sodium Chloride.....	5.0g
Dextrose.....	2.0g
Disodium Phosphate.....	2.0g

Final pH: 7.4 ± 0.2 at 25°C

* Grams per liter may be adjusted or formula supplemented to obtain desired performance.

Organism:

Aspergillus brasiliensis ATCC 16404
Candida albicans ATCC 10231
Enterococcus faecalis ATCC 29212
Escherichia coli ATCC 25922
Staphylococcus aureus ATCC 25923

Result:

Growth
Growth
Growth
Growth
Growth

STORAGE

Store the sealed bottle containing the dehydrated medium at 2 to 30°C. Once opened and recapped, place the container in a low humidity environment at the same storage temperature. Protect it from moisture and light. The dehydrated medium should be discarded if it is not free flowing, or if the color has changed from the original color.