

PRODUCT INFORMATION

Heart Infusion Broth

Cat. No. H08-101



ALPHA[™]
BIOSCIENCES

Date of Issue:
6/10/20

DESCRIPTION

Heart Infusion Broth is used for the cultivation of fastidious microorganisms. Heart Infusion Broth is a non-selective general purpose medium prepared from an infusion of beef heart. Huntoon showed that pathogenic microorganisms such as meningococci and pneumococci could be grown from infusion broth without enrichments.

Formula* per Liter:

Infusion from Beef Heart.....	10.0g
Tryptone	10.0g
Sodium Chloride	5.0g

Final pH: 7.4 ± 0.2 at 25°C

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

PREPARATION

Mix 25 grams of the medium in a Liter of purified water until evenly dispersed. Heat with repeated stirring to dissolve. Distribute and autoclave at 121°C for 15 minutes.

QUALITY CONTROL SPECIFICATIONS

1. The powder is homogeneous, free flowing, and light beige in color.
2. Visually, the prepared medium is light to medium amber and clear.
3. Expected cultural response after 24-58 hours at 35°C.

Organism:

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

Result:

Growth
Growth
Growth
Growth

STORAGE

Store the sealed bottle containing the dehydrated medium at 2 to 30.0°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 light beige color.