

PRODUCT INFORMATION

Heart Infusion Broth

Cat. No. H08-101

DESCRIPTION

Heart Infusion Broth is used for the cultivation of fastidious microorganisms. It 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 (g/L)

Infusion from Beef Heart	10.0 g	Sodium chloride	5.0 g
Tryptone	10.0 g		

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 one 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.

QUALITY CONTROL SPECIFICATIONS

1. The powder is homogenous, 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	RESULT
<i>Escherichia coli</i> ATCC 25922	Good Growth
<i>Staphylococcus aureus</i> ATCC 25923	Good Growth
<i>Streptococcus pneumoniae</i> ATCC 6305	Good Growth
<i>Streptococcus pyogenes</i> ATCC 19615	Good 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.

Version 01 – Date 06/05/24