

PRODUCT INFORMATION

Blood Agar Base pH 7.4

Cat. No. B02-111



ALPHA[™]
BIOSCIENCES

Date of Issue:
10/01/17

DESCRIPTION

Blood Agar Base pH 7.4 is used for the isolation and cultivation of fastidious microorganisms.

PREPARATION

Mix 40 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. To prepare with blood, cool medium to 45-50°C and aseptically add 5-10% defibrinated sheep blood.

Formula* per Liter:

Heat infusion from solids.....	10.0g
Meat peptone.....	10.0g
Sodium Chloride.....	5.0g
Agar.....	15.0g

Final pH: 7.4 ± 0.2 at 25°C

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

QUALITY CONTROL SPECIFICATIONS

1. The powder is homogeneous, free flowing, and beige.
2. Visually the prepared medium is opaque and red.
3. Expected cultural response after 18 to 24 hours at 35°C.

Organism:

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

Result

Good Growth
Good Growth -Beta Hemolysis
Good Growth -Alpha Hemolysis
Good Growth -Beta Hemolysis

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.