

PRODUCT INFORMATION

Nutrient Agar 1.5%

Cat. No. N14-102



Date of Issue:
10/2/19

DESCRIPTION

Nutrient Agar 1.5% is used for cultivating a wide variety of non-fastidious organisms.

PREPARATION

Mix 31 grams of the medium in one liter of purified water until evenly dispersed. Heat with frequent agitation until boiling to completely dissolve the medium. Distribute and autoclave at 121° C for 15 minutes.

Formula* per Liter:

Pancreatic Digest of Gelatin	5.0g
Beef Extract	3.0g
Sodium Chloride	8.0g
Agar.....	15.0g

Final pH: 7.3 ± 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 clear to slightly opaque and light amber.
3. Expected cultural response after 18-24 hours at 35°C ± 2°C.

Microorganisms	Results
Bacillus subtilis ATCC 9372	Growth
Escherichia coli ATCC 25922	Growth
Salmonella typhimurium ATCC 14028	Growth
Staphylococcus aureus ATCC 25923	Growth
Streptococcus pneumoniae ATCC 6305	Growth
Streptococcus pyogenes ATCC 19615	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.