

## PRODUCT INFORMATION

Nutrient Agar 1.5%

Cat. No. N14-102

### DESCRIPTION

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

### FORMULA (g/L)

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

Final pH: 7.3 ± 0.2 at 25 °C

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

### PREPARATION

Mix 31 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 beige.
2. Visually the prepared medium clear to slightly opaque and light amber.
3. Expected cultural response after 18-24 hours at 35 °C.

ORGANISM	RESULT
<i>Bacillus subtilis</i> ATCC 9372	Good Growth
<i>Escherichia coli</i> ATCC 25922	Good Growth
<i>Salmonella typhimurium</i> ATCC 14028	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 11/14/23