

PRODUCT INFORMATION

Nutrient Agar

Cat. No. N14-100



ALPHATM
BIOSCIENCES

Date of Issue:
10/01/17

DESCRIPTION

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

PREPARATION

Mix 23 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. Through gentle agitation to avoid bubbles thoroughly mix medium prior to pouring plates.

Formula* per Liter:

Pancreatic Digest of Gelatin5.0g
Beef Extract3.0g
Agar.....15.0g

Final pH: 6.8 ± 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 trace to light haze and light beige/ amber.
3. Expected cultural response after 18-24 hours at 35°C ± 2°C.

Microorganisms	Response	Approx. Inoculum (CFU)
Bacillus subtilis ATCC 9372	Growth	10-300
Escherichia coli ATCC 25922	Growth	10-300
Salmonella typhimurium ATCC 14028	Growth	10-300
Staphylococcus aureus ATCC 25923	Growth	10-300

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.