

PRODUCT INFORMATION

Nutrient Agar

Cat. No. N14-100

DESCRIPTION

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

FORMULA (g/L)

Pancreatic Digest of Gelatin	5.0 g	Agar	15.0 g
Beef Extract	3.0 g		

Final pH: 6.8 ± 0.2 at 25 °C

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

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. Mix the medium through gentle agitation to avoid bubbles prior to pouring plates.

QUALITY CONTROL SPECIFICATIONS

1. The powder is homogenous, free flowing and beige.
2. Visually the prepared medium is trace to light haze and light beige to 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>Pseudomonas aeruginosa</i> ATCC 27853	Good Growth
<i>Salmonella typhimurium</i> ATCC 14028	Good Growth
<i>Staphylococcus aureus</i> ATCC 25923	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 09/11/23