

PRODUCT INFORMATION



Peptone Water Cat. No. P16-103

Date of Issue:
10/01/17

DESCRIPTION

Peptone Water is a minimal growth, non-selective medium used for cultivating non-fastidious organisms, studying carbohydrate fermentation patterns and performing the indole test.

PREPARATION

Mix 15 grams of the medium in one liter of purified water until evenly dispersed. Heat with repeated stirring to dissolve completely. Autoclave at 121°C for 15 minutes.

Formula* per Liter:

Peptone	10.0g
Sodium Chloride	5.0g

Final pH: 7.2 ± 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 gold to amber and clear to trace hazy.
3. Expected cultural response after 18-24 hours at 35°C.

Organism:

Escherichia coli ATCC® 25922
Salmonella typhimurium ATCC® 14028
Staphylococcus aureus ATCC® 25923

Result:

Growth, Indole (+)
Growth
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.