

PRODUCT INFORMATION

Peptone Water

Cat. No. P16-103

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.

FORMULA (g/L)

Peptone	10.0 g	Sodium Chloride	5.0 g
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Final pH: 7.2 ± 0.2 at 25 °C

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

PREPARATION

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

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	RESULT
<i>Escherichia coli</i> ATCC 25922	Growth, Indole (+)
<i>Staphylococcus aureus</i> ATCC 25923	Growth
<i>Salmonella typhimurium</i> ATCC 14028	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.

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