

Saline Peptone Water

Recommended as diluent and for the homogenization of microbiological samples

Formula in grams per liter:

Sodium Chloride

8,5 | Bacteriological Peptone

1,00

Final pH: 7,0 ± 0,2 at 25 °C

Preparation:

Dissolve 9,5 grams of the medium in one liter of distilled water. Mix well until obtaining a uniform suspension. Heat, agitating frequently and boil for one minute or until completely dissolved. Distribute into appropriate containers and sterilize at 121°C (15 lbs sp) for 15 minutes.

Uses:

This medium is used for the growth of bacterial cultures, such as marine bacteria (2). It is also used as a diluent for microbiological samples (1) in many food studies, environment studies, etc.

Microbiological Tests:

Microorganisms	Growth
<i>Escherichia coli</i> ATCC 25922	Good
<i>Salmonella typhimurium</i> ATCC 14028	Good
<i>Staphylococcus aureus</i> ATCC 25923	Good

