

Buffered Sodium Chloride-Peptone Solution pH 7.0

Product No. CP832

Intended Use

Used as dilution.(CP)

Specification 250 g

Ingredients	(g/L)
Peptone	1.0
Anhydrous dipotassium hydrogen phosphate	5.77
Sodium chloride	4.3
Potassium dihydrogen phosphate	3.56

(pH 7.0)

Additional Reagents

No

Principle and Interpretation

Peptone as a source of carbon, nitrogen, vitamins and minerals. Sodium chloride maintains the osmotic balance. Phosphates buffer the media.

Directions

Suspend 14.6 g of the powder in 1 L of distilled water. Heat with frequent agitation and boil to dissolve completely. Dispense into test containers. Autoclave at 121°C for 15 minutes.

Precautions

No

Quality Control

Microorganisms	Inoculum (CFU)	Reference Medium	Method	Incubation	Growth
<i>Staphylococcus aureus</i> CMCC(B) 26003	100-1000	TSA	quantitative	20°C-25°C 45min	The number of colonies changed in \pm 50% before and after culture
<i>Escherichia coli</i> CMCC(B) 44102					

Storage Conditions

Keep container tightly closed and store in a dry place at 2-25°C.

Shelf Life

3 years.

Related Products

Product No.	Product Name	Specification
GCP832	Buffered Sodium Chloride-Peptone Solution pH 7.0	250 g

For laboratory use in industry or R&D purpose. Not for drug, household or other uses.