

Alkaline Peptone Water with 3% Sodium Chloride

Product No. CM401B

Intended Use

Used for the enrichment of *Vibrio parahemolyticus*. (GB)

Specification 250 g

Ingredients	(g/L)
Peptone	10.0
Sodium chloride	30.0
(pH 8.5 ± 0.2)	

Additional Reagents

No

Principle and Interpretation

Peptone provides carbon sources, nitrogen sources, vitamins, and growth factors; High sodium chloride and high pH inhibit the growth of non-Vibrio bacteria without affecting the growth of *Vibrio parahaemolyticus*.

Directions

Suspend 40.0 g of the powder in 1 L of distilled water. Heat with frequent agitation and boil to dissolve completely. Autoclave at 121°C for 10 minutes.

Precautions

No

Quality Control

Microorganisms	Inoculum (CFU)	Inoculate counting medium	Method	Incubation	Growth (Turbidity)
<i>Vibrio parahemolyticus</i> ATCC 17802	10-100	TSA	Semi-quantitative	36°C±1°C 8h	2
<i>Vibrio parahemolyticus</i> CICC 25008 [CMCC(B) 20033]					

Storage Conditions

Keep container tightly closed and store in a cool dry place.

Shelf Life

3 years.

Related Products

Product No.	Product Name	Specification
GCM401B	Alkaline Peptone Water with 3% Sodium Chloride (Granule)	250 g
CM401B-05L	Alkaline Peptone Water with 3% Sodium Chloride	9 mL×20
CM401B-06	Alkaline Peptone Water with 3% Sodium Chloride	225 mL×10
CM401B-08	Alkaline Peptone Water with 3% Sodium Chloride (Bottle)	225 mL×6

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