

Buffered Peptone Water (BPW)

Product No. CM201

Intended Use

Used for pre-enriching *Salmonella* and *Cronobacter* species, as diluent and enrichment for detection of *Enterobacteriaceae*. (ISO, GB, SN)

Specification 250 g

Ingredients	(g/L)
Peptone	10.0
Sodium Chloride	5.0
Disodium Phosphate (12H ₂ O)	9.0
Monopotassium Phosphate	1.5
(pH 7.2 ± 0.2)	

Additional Reagents

No

Principle and Interpretation

These pre-enrichment media contain peptone as a source of carbon, nitrogen, vitamins and minerals. Sodium chloride maintains the osmotic balance. Phosphates buffer the media.

Directions

Suspend 20.0 g of the powder in 1 L of distilled water. Heat with frequent agitation and boil to dissolve completely. Autoclave at 121°C for 15 minutes.

Precautions

No

Quality Control

Microorganisms	Inoculum (CFU)	Reference Medium	Method	Incubation	Growth (Productivity Ratio : PR)
<i>Salmonella enterica subsp. enterica serovar Typhimurium</i> ATCC 14028	10-100	TSA	semiquantitative	36°C±1°C 8h-18h	Turbidity 2
<i>Salmonella enterica subsp. enterica serovar Typhimurium</i> CICC 25045 [CMCC(B) 50976]					

Storage Conditions

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

Shelf Life

3 years.

Related Products

Product No.	Product Name	Specification
CM201-01	Buffered Peptone Water (BPW)	1000 g
CM201-05	Buffered Peptone Water (BPW)	9 mLx20
CM201-06A	Buffered Peptone Water (BPW)	225 mLx10
CM201-07	Buffered Peptone Water (BPW)	90 mLx10
CM201-07A	Buffered Peptone Water (BPW)	900 mLx2
CM201-07B	Buffered Peptone Water (BPW)	900 mLx2
CM201-08	Buffered Peptone Water (BPW)	225 mLx6
GCM201	Buffered Peptone Water (BPW)	250 g
GCM201-1K	Buffered Peptone Water (BPW)	1000 g
GCM201-10K	Buffered Peptone Water (BPW)	10 kg

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