



72993

## Buffered Peptone Water

Part D

### Specifications

Appearance (Colour)	Cream to light tan
Appearance (Form)	Free flowing, homogeneous powder
Solubility	20.00 gm.liter
Solubility before autoclaving (Clarity)	Clear without any precipitate
pH (25°C)	7.2 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear without any precipitate
Prepared Medium Appearance after autoclaving (Colour)	Light amber
Cultural Response	Inoculate and incubate at 37°C for 18 - 24 hours.Recovery Rate performed on XLD Agar.
Organism	Salmonella typhimurium ATCC 14028
Inoculum (cfu) 10-100	Growth : Good,Recovery Rate : >=50%
Organism	Salmonella enteritidis ATCC 13076
Inoculum (cfu) 10-100	Growth : Good,Recovery Rate : >=50%
Organism	Salmonella typhi ATCC 6539
Inoculum (cfu) 10-100	Growth : Good,Recovery Rate : >=50%

### Other Information

#### Applications

A pre-enrichment medium for the isolation of Salmonella species, especially injured microorganisms from food sources.

#### Composition

Ingredients	gm/lt.
Sodium chloride	5.00
Peptone	10.00
Disodium phosphate	3.50
Dihydrogen potassium phosphate	1.50

#### Directions

1. Add 20.00 gm powder to 1.0 liter distilled/purified water and mix thoroughly.
2. Gently heat and bring to boiling.
3. Dispense into test tubes.
4. Autoclave at 15 psi pressure at 121°C for 15 minutes.

### General Information

Storage	8 to 25°C (Cool & Dry Area)
Shelf Life	36 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)

HSN Code	
100 Gms	38210000 (GST 18%)
500 Gms	38210000 (GST 18%)
Type of Packing	
100 Gms	Plastic Bottle
500 Gms	Plastic Bottle

### Available Packages

- 100 Gms
- 500 Gms

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#### Disclaimer

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