

Buffered Peptone Water (BPW)

(Buffered Peptone Water for Pre-culture of *Salmonella*)

Code	Form	Package	Storage	Shelf Life
05131	Powder	300 g	Dry, RT	3 years

Directions

Suspend 20.0 g of the dehydrated medium in 1,000 mL of distilled water, mix well and heat to dissolve the medium. Distribute adequate amounts into sterilized test tubes or sterilized flask and then autoclave at 121 °C for 15 minutes. Add 1/10 volume of the homogenized specimen (i.e. 1 mL homogenized specimen put into 10 mL broth) into the broth and stir them well. Incubate at 37 °C for 20 - 24 hours. Finally, take one loop of the culture and subculture on an adequate selective medium (ex. Compact Dry SL, SS agar, MLCB Agar).

For liquid Egg sample, add 0.2 g L-cystein or 64 mg FeSO₄·7H₂O in 1 liter of Broth.

Remarks

The medium is suitable for pre-culture of *Salmonella* in food.

Formula

Components	In 20.0 g/L
Peptone	10.0 g
Sodium Chloride	5.0 g
Monopotassium Phosphate	3.5 g
Potassium Dihydrogen Phosphate	1.5 g

pH 7.2 ±