Condalab

Reference: 5020 **Technical Data Sheet**

Product: **BUFFERED PEPTONE WATER ISO 6579, ISO 22964, ISO 6887, ISO 19250, DIN 10181, 10160,**

Specification

Diluent and non-selective pre-enrichment broth for the homogenization of food samples formulated according to ISO 6579, ISO 8523 and ISO 6785.

Presentation

	Packaging Details	Shelf Life	Storage
10 Prepared bottles Bottles 250 ml total capacity with: 225 ± 5 ml	1 box with 10 bottles 250 ml. Injectable cap: Plastic screw inner cap + protective outter blue cap. The use of syringes needles with a diameter greater than 0.8 mm is not recommended.	16 months	8-25°C

Composition

Composition (g/l):

Tryptone	10.00
Sodium chloride	5.00
Disodium phosphate	9.00
Potassium phosphate	1.50

Description /Technique

Description:

This formulation of Buffered Peptone Water has the advantages of the two classical diluents used for food samples: it has the property of revitalization of the peptone water and the pH change absorbing capacity of the phosphate buffer.
The composition of this diluent is made according to the specification of the ISO Standard 6579 for the detection of Salmonella in foods and other ISO Standards (6785, 6887 and 8261).

Tecnique:

Use the medium according to intended purposes, samples and validated methods.

Quality control

Physical/Chemical control

Color : yellow pH: 7 ± 0.2 at 25°C

Microbiological control

Prepare tubes / Inoculate 10^3- 10^4 (Productividad)/ subculture after holding at 20-25°C for 45 min. to 1 h.
Microbiological control according to ISO 11133:2014/ Adm 1:2018.

Aerobiosis. Incubation at 36 ± 2°C, reading at 18±2 h

Microorganism	Growth
Stph. aureus ATCC® 25923, WDCM 00034	Good. Recovery ±30% T0 (original enumeration)
Escherichia coli ATCC® 25922, WDCM 00013	Good. Recovery ±30% T0 (original enumeration)
Escherichia coli ATCC® 8739, WDCM 00012	
Salmonella typhimurium ATCC® 14028, WDCM 00031	
Salmonella enterica ATCC® 13076, WDCM 00030	

Sterility Control

Incubation 48 hours at 30-35°C and 48 hours at 20-25°C: NO GROWTH
Check at 7 days after incubation in same conditions

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