

Specification

Dilution and non-selective pre-enrichment liquid medium according to ISO standards.

Presentation

	Packaging Details	Shelf Life	Storage
3 Prepared Bags Bags with: 3000 ± 15 ml	1 box with 3 bags of 3L. PVC plasticizer free sterile bag with: 1 vial stopper + 1 penetrable cap. Dimensions: 23 x 32 cm. For use in food testing.	16 months	8-25°C

Composition

Composition (g/l):	
Peptone.....	10.0
Sodium chloride.....	5.00
Disodium phosphate.....	9.00
Potassium phosphate.....	1.50

Description /Technique

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, 8261).

Inoculate according to final purpose, samples and validated methods.

Each Bag is intended for use with an automatic dispenser in laboratories requiring large volumes of broth media or diluent.

Discard any partially used bag to avoid contamination.

The bag has multiple connection points: 1 penetrable cap (injection port) latex-free polycarbonate, for any additive injection required. And an injection (vial stopper) to connect to any standard equipment laboratory dosing with a connector.

Once completely empty, the bag can be disposed of along with normal plastic (PVC).

Quality control

Physical/Chemical control

Color : yellow pH: 7 ± 0.2 at 25°C

Microbiological control

Prepare tubes / Inoculate 10³- 10⁴ (Productividad)/ subculture to T0, 45 minutes, 1h at 20-25°C;

Microbiological control according to ISO 11133:2014

Aerobiosis. Incubation at 35 ± 2°C. Reading at 24 hours.

Microorganism

Growth

<i>Staphylococcus aureus</i> ATCC® 25923	Good. Recovery ±30% T0 (original enumeration)
<i>Escherichia coli</i> ATCC® 25922	Good. Recovery ±30% T0 (original enumeration)
<i>Escherichia coli</i> ATCC® 8739	Good
<i>Salmonella typhimurium</i> ATCC® 14028	Good
<i>Salmonella enterica</i> ATCC® 13076	Good

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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