OXOID PRODUCT SPECIFICATION

BUFFERED PEPTONE WATER

BO0688S

Typical Formula

<table>
<thead>
<tr>
<th>Grams per litre</th>
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<tr>
<td>Peptone</td>
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<tr>
<td>Sodium chloride</td>
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<tr>
<td>Disodium phosphate</td>
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<td>Potassium dihydrogen phosphate</td>
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Preparation

Suspend Buffered Peptone Water (20 grams / litre) in de-ionised water. Sterilise at 121°C for 15 minutes. Cool and aseptically dispense 225ml into final containers, 350ml sterile, wide-necked pots. Label each bottle and pack in units of 10 into labelled boxes.

Format

Ten wide-necked pot with screw cap closure in a box.

Labels

Label gives details of product name, product code, recommended storage temperature, lot number and expiry date.

Physical Characteristics

- pH: 7.2 ± 0.2
- Colour: Straw
- Clarity: Clear
- Fill weight: 225g + 4.0g

Packaging and presentation:

General appearance of bottle and label should be satisfactory. Label data should be correct.

Sterility Test

Macroscopic examination should show no evidence of microbial growth after incubation at 20-24°C and 30-34°C for 5 days.

Microbiological Tests Using Optimum Inoculum Dilution

Results after incubation at 35-39°C for 18-24 hours

Positive control

Inoculum 10-100 colony forming units

*Salmonella typhimurium* ATCC® 14028 Turbid growth

Storage Conditions

Store away from light between 2 - 25°C