

OXOID QUALITY ASSURANCE

PRODUCT SPECIFICATION

BUFFERED PEPTONE WATER (ISO)

BO1067Z

grams per litre

Enzymatic digest of casein	10.0
Sodium chloride	5.0
Disodium hydrogen phosphate (anhydrous)	3.5
Potassium dihydrogen phosphate	1.5

Preparation

Suspend Buffered Peptone Water (ISO) (20g/litre) in deionised water. Heat to dissolve. Cool and dispense 950ml into final containers, 1000ml sirop bottles. Sterilise at 121°C for 15 minutes. When cool label each bottle and pack in units of 10 into labelled boxes.

Format

Ten sirop bottles with plastic 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	- 7.0 ± 0.2
Colour	- Straw
Clarity	- Clear
Fill volume	- 950ml+5ml

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 20-25°C and 30-35°C for 5 days.

Bacteriological Tests Using Optimum Inoculum Dilution

Results after incubation at 37°C for 18-24 hours

Inoculum less than 100 colony forming units.

<i>Salmonella typhimurium</i>	ATCC 14028	Turbid growth
<i>Escherichia coli</i>	ATCC 25922	Turbid growth, indole positive

Storage Conditions

Store away from light at between 2 - 25°C.