

OXOID PRODUCT SPECIFICATION

BUFFERED PEPTONE WATER (ISO)

BO1067S

Typical Formula

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

* equivalent to 9.0 g of disodium hydrogen phosphate dodecahydrate

Preparation

Suspend Buffered Peptone Water (ISO) (20 grams / litre) in de-ionised water. Heat to dissolve. Cool and dispense 225ml into final containers, 300ml 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 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	Colourless / Straw
Clarity	Clear
Fill weight	225.0g + 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 controls

Inoculum 10-100 colony forming units.

<i>Salmonella typhimurium</i>	ATCC® 14028	Turbid growth
<i>Escherichia coli</i>	ATCC® 11775	Turbid growth

Storage Conditions

Store away from light between 2 - 25°C.