

Distribution: Central File

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OXOID QUALITY ASSURANCE

PRODUCT SPECIFICATION

BUFFERED PEPTONE WATER

BO0201S

Typical Formula, Oxoid CM509

	grams per litre
Peptone	10.0
Sodium chloride	5.0
Di-Sodium Phosphate	3.5
Potassium dihydrogen phosphate	1.5

Preparation

Suspend Buffered Peptone Water (20g/litre) in deionised water. Heat to dissolve. Cool and dispense 225ml into final containers, 250ml Universal bottles. Sterilise at 121°C for 15 minutes. When cool label each bottle and pack in units of 10 into labelled boxes.

Format

Ten universal 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	- 7.2 ± 0.2
Colour	- Straw
Clarity	- Clear
Fill volume	- 225ml + 4ml

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>Salmonella poona</i>	NCTC 4840	Turbid growth

Storage Conditions

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