

OXOID PRODUCT SPECIFICATION

BUFFERED SODIUM PEPTONE WATER pH 7.0 (acc. to E.P.)

BO0322M

Typical Formula

	grams / litre
Disodium hydrogen orthophosphate (anhydrous)	5.77
Mono-potassium phosphate	3.56
Sodium chloride	4.3
Peptone	1.0

Preparation

Suspend components, as above (14.63 grams / litre) in de-ionised water. Heat to dissolve. Cool and dispense 100ml into final containers, 125ml sirop bottles. Sterilise at 121°C for 15 minutes. Label each bottle and pack in units of 10 into labelled boxes.

Format

Ten sirop bottles with screw cap closures in a box.

Labels

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

Physical Characteristics

Physical Tests

pH	7.0 ± 0.2
Colour	Colourless
Clarity	Clear
Fill weight	100.0g - 101.5g

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

Inoculum 10⁻⁷ colony forming units.

Escherichia coli ATCC[®] 8739

Recovery after incubation at 21-25°C for 2 hours shall be between 70% and 130% of the initial count

Storage conditions

Store away from light between 2-25°C.

The Microbiological Quality Control of this product complies with the following Pharmacopoeias;
British Pharmacopoeia 2005
European Pharmacopoeia 6th Edition 2008
The Japanese Pharmacopoeia JP 15 2006
The United States Pharmacopoeia USP 32 2009