

OXOID PRODUCT SPECIFICATION

PEPTONE WATER

BO0208B

Typical Formula

grams per litre

Peptone

10.0

Sodium chloride

5.0

Preparation

Suspend Peptone Water (15 grams / litre) in de-ionised water. Heat to dissolve. Dispense 3ml into final containers, bijou bottles. Sterilise at 121°C for 15 minutes. When cooled label each bottle and pack in units of 24 into labelled boxes.

Format

Twenty four bijou bottles with plastic 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 7.5 ± 0.2

Colour Straw

Clarity Clear

Fill weight $3.0g \pm 0.3g$

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

Inoculum 10 -100 colony forming units.

Escherichia coli

ATCC® 25922

Turbid growth

Staphylococcus aureus

ATCC® 25923

Turbid growth

Storage conditions

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