

## PRODUCT SPECIFICATION

## OXOID ALKALINE PEPTONE WATER

BO0335E

## Typical Formula\*

	grams per litre
Bacteriological peptone	10.0
Sodium chloride	10.0
Magnesium chloride	4.0
Potassium chloride	4.0

## Addition

Sodium hydroxide to achieve specified pH

\*adjusted as required to meet performance standards

## Preparation

Suspend ingredients as above in de-ionised water. Mix to dissolve. Adjust pH with sodium hydroxide, as required. Dispense 10ml volumes into final containers, universal bottles. Sterilise at 121°C for 15 minutes. When cool label each bottle and pack in units of 24 into labelled boxes.

## Format

Twenty-four universal 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

pH	8.6 ± 0.2
Colour	Straw 1 to straw 2
Clarity	Clear
Fill weight	10.0 - 10.3g

## Packaging and presentation:

General appearance of bottle and label should be satisfactory. Label data should be correct.

## Contamination Check

Macroscopic examination should show no evidence of microbial growth after incubation at 30-34°C for ≥ 72 hours.

## 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>Vibrio furnissii</i>	NCTC 11218	Turbid growth
<i>Vibrio parahaemolyticus</i>	NCTC 10885	Turbid growth
<i>Vibrio cholerae</i>	NCTC 11348	Turbid growth

Negative control

Inoculum 100 – 1000 colony forming units

*Escherichia coli*

ATCC®25922

No growth / slight turbid growth

**Storage conditions**

Store away from light between 2-25°C.

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