

## PRODUCT SPECIFICATION

## OXOID RINGERS SOLUTION ¼ STRENGTH

EB0332D

## Typical Formula\*

	grams per litre
Sodium chloride	2.25
Potassium chloride	0.105
Calcium chloride 6H <sub>2</sub> O	0.12
Sodium bicarbonate	0.05

\* adjusted as required to meet performance standards

## Preparation

Dissolve Ringers Solution tablets (2 tablets/ litre) in de-ionised water. Dispense 9ml into final containers, universal bottles. Sterilise at 121°C for 15 minutes. When cool label each bottle and pack in units of 100 in labelled boxes.

## Format

100 universal 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

Colour	Colourless
Clarity	Clear
Fill weight	9.0 - 9.3g

## Packaging and presentation

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

## Contamination check

Samples are filtered through 0.45µl filters, these filters are placed onto Tryptone Soya Agar and incubated at 30-34°C for ≥ 72 hours. Macroscopic examination of filters should show no evidence of microbial growth after incubation.

## Microbiological Tests Using Optimum Inoculum Dilution

The medium is inoculated to achieve a count of 50-150 colony forming units when plated onto the control medium at time zero (0 minutes).

## Results after incubation at 20-25°C for 45-60 minutes.

<i>Escherichia coli</i>	ATCC® 25922 (WDCM 00013)	± 30% cfu of original count
<i>Staphylococcus aureus</i>	ATCC® 25923 (WDCM 00034)	± 30% cfu of original count

Counts are performed on Tryptone Soya Agar incubated at 35-39°C for 18-24 hours.

## Storage conditions

Store away from light between 2 - 25°C.

Tested in accordance with ISO 11133.  
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