

OXOID PRODUCT SPECIFICATION

MEMBRANE LAURYL SULPHATE BROTH

BO0394E

Typical Formula

	grams per litre
Peptone	39.0
Yeast extract	6.0
Lactose	30.0
Phenol red	0.2
Sodium lauryl sulphate	1.0

Preparation

Suspend Membrane Lauryl Sulphate Broth (76.2grams / litre) in de-ionised water. Heat to dissolve. Cool and dispense 10ml into final containers, universal 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 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

Physical Tests

pH	7.4 ± 0.2
Colour	Red
Clarity	Clear
Fill weight	10.0g + 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 28-32°C for 4 hours, followed by 33-37°C for 18 - 24 hours
(broth is pipetted onto a sterile membrane filter pad)**

Positive control

Inoculum 10-100 colony forming units.

Escherichia coli ATCC[®] 25922 Yellow colonies

Negative control

Inoculum 10,000-100,000 colony forming units

Bacillus subtilis ATCC[®] 6633 No growth – inhibited

Storage conditions

Store away from light between 2-25°C.