

OXOID PRODUCT SPECIFICATION

MAXIMUM RECOVERY DILUENT

BO0348S

Typical Formula

	grams per litre
Peptone	1.0
Sodium chloride	8.5

Preparation

Suspend Maximum Recovery Diluent (9.5 grams / litre) in de-ionised water. Sterilise at 121°C for 15 minutes. Cool and aseptically dispense 225ml into final containers, 250ml sterile, wide-necked pots. Label each bottle and pack in units of 10 into labelled boxes.

Format

Ten wide-necked pots 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	225.0g + 4.0g

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 50-150 colony forming units

Escherichia coli ATCC® 8739

Recovery after incubation at 25 ± 2°C for 45 minutes shall be between 50% and 150% of the initial 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.