OXOID PRODUCT SPECIFICATION

MAXIMUM RECOVERY DILUENT **BO0348D**

Typical Formula

	grams per litre
Peptone	1.0
Sodium chloride	8.5

Preparation
Suspend Maximum Recovery Diluent (9.5grams / litre) in de-ionised water. Heat to dissolve. Cool and dispense 9ml into final containers, universal bottles. Sterilise at 121°C for 15 minutes. When cool, label each bottle and pack in units of 24 in 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	7.0 ± 0.2
Colour	Colourless
Clarity	Clear
Fill weight	9.0g + 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

Inoculum 50-150 colony forming units

Positive control
Escherichia coli ATCC® 8739

Recovery after incubation at 25 ± 2ºC 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.