

OXOID PRODUCT SPECIFICATION

REINFORCED CLOSTRIDIUM MEDIUM (EP, USP, JP, BP)

BO1158M

Typical Formula

	grams per litre
Beef extract	10.0
Peptone	10.0
Glucose	5.0
Sodium chloride	5.0
Sodium acetate	3.0
Yeast extract	3.0
Soluble starch	1.0
Cysteine hydrochloride	0.5
Agar	0.5

Preparation

Suspend Reinforced Clostridium Medium (38.0 grams / litre) in de-ionised water. Heat to dissolve. Cool and dispense 100ml into final containers, 125ml bottles. Sterilise at 121°C for 15 minutes. When cool, label each bottle and pack in units of 10 into labelled boxes.

Format

Ten 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	6.8 ± 0.2
Colour	Straw
Clarity	Semi-opaque
Fill weight	100.0g + 1.5g

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 20-24C and 30-34°C for 5 days.

Microbiological Tests Using Optimum Inoculum Dilution

Positive controls

Inoculum 10-100 colony forming units.

Results after incubation at 30-35°C for 2 days

<i>Clostridium sporogenes</i>	ATCC® 11437	Turbid growth
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Storage conditions

Store away from the light between 2 – 25°C.