DICHLORAN ROSE BENGAL CHLORAMPHENICOL **PO1278A**

Typical Formula	grams per litre
Peptone	5.0
Glucose	10.0
Potassium dihyrdrogen phosphate	1.0
Magnesium sulphate	0.5
Dichloran	0.002
Rose Bengal	0.025
Agar	15.0

Additions

Chloramphenicol	0.1

Preparation

Suspend DRBC (ISO) Agar (31.5 grams/ litre) and Chloramphenicol (0.1 grams/ litre) in de-ionised water. Sterilise at 121°C for 15 minutes. Aseptically dispense into Petri dishes. Label dishes, wrap and label pack.

Format

Ten 90mm plates wrapped in a single cellulose-based film wrap. Each plate is ink-jet printed with (abbreviated) product name, product code, lot number and expiry date.

Labels

Label gives details of product name, product code, recommended storage temperature, lot number and expiry date.

Physical Characteristics

Physical Tests	
pH	5.4 – 5.8
Colour	Pink
Clarity	Clear
Fill weight	18.5g – 20.5g

Packaging and presentation

General appearance of pack 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 23 - 27°C for 5 days.

Positive controls
Inoculum 10 - 100 colony forming units.

Candida albicans	ATCC® 10231	Pink colonies
Saccharomyces cerevisiae	ATCC® 9763	Pink colonies
Mucor racemosus	ATCC® 42647	White mycelia, buff spores
Aspergillus brasiliensis	ATCC® 19404	White mycelia, black spores

Colony counts shall be equal to or greater than 50% of the control medium.

Negative controls
Inoculum 10,000 - 100,000 colony forming units.

Escherichia coli	ATCC® 25922	No growth
Bacillus subtilis	ATCC® 6633	No growth

Storage conditions
Store away from the light between 2 - 10°C.