

OXOID PRODUCT SPECIFICATION

ROSE BENGAL CHLORAMPHENICOL AGAR

PO0214A

Typical Formula

	grams per litre
Mycological peptone	5.0
Glucose	10.0
Dipotassium phosphate	1.0
Magnesium sulphate	0.5
Rose Bengal	0.05
Agar	15.5

Additions

Chloramphenicol	0.1g
-----------------	------

Preparation

Suspend Rose Bengal Chloramphenicol Agar (32 grams / litre) and Chloramphenicol as above in de-ionised water. Sterilise at 121°C for 5 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	7.2 ± 0.2
Colour	Pink
Clarity	Clear
Fill weight	19.5g ± 1.0g

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.

<i>Saccharomyces cerevisiae</i>	ATCC [®] 9763	Pink colonies
<i>Mucor racemosus</i>	ATCC [®] 42647	White mycelia, buff spores

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

Negative controls

Inoculum 100-1,000 colony forming units

<i>Escherichia coli</i>	ATCC [®] 25922	Inhibited – no growth
-------------------------	-------------------------	-----------------------

Inoculum 10,000-100,000 colony forming units

<i>Enterococcus faecalis</i>	ATCC [®] 29212	Inhibited – no growth
------------------------------	-------------------------	-----------------------

Storage conditions

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