

PRODUCT SPECIFICATION

SALMONELLA CHROMOGENIC MEDIUM

PO0958A

Typical Formula*

	grams per litre
Special Peptone	10.0
Chromogenic mix	28.0
Agar	12.0

Additions

Salmonella Selective Supplement

Cefsulodin	12.0mg
Novobiocin	5.0mg

*adjusted as required to meet performance standards

Preparation

Suspend Salmonella Chromogenic Agar Base (50 grams / litre) and Salmonella Selective Supplement, as directed, in de-ionised water. Heat to 100°C for 5 minutes to dissolve. Cool and aseptically dispense into Petri dishes. Label dishes, wrap and label pack.

Format

Ten 90mm plates, wrapped in a single nylon-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

pH	7.2 ± 0.2
Colour	White/pale pink
Clarity	Opaque
Fill weight	19.0 ± 2.0g

Packaging and presentation

General appearance of packaging and label should be satisfactory. Label data should be correct.

Contamination Check

Macroscopic examination should show no evidence of microbial growth after incubation at 30-34°C for ≥ 72 hours.

Microbiological Tests Using Optimum Inoculum Dilution

Results after incubation at 35-39°C for 18-24 hours

Positive controls

Inoculum 10-100 colony forming units

<i>Salmonella</i> Poona	NCTC 4840	Purple colonies
<i>Salmonella</i> Enteritidis	ATCC® 13076	Purple colonies

Colony counts shall be equal to or greater than 50% of the control medium (Tryptone Soya Agar).

Negative control

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

Escherichia coli

ATCC® 25922

Blue colonies

Pseudomonas aeruginosa

ATCC® 27853

No growth or clear colonies

Storage conditions

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

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