Distribution: Central File

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OXOID QUALITY ASSURANCE

PRODUCT SPECIFICATION

TRYPTONE SOYA AGAR

Typical Formula, Oxoid CM131 **PO0193C**

	grams per litre
Tryptone	15.0
Soya peptone	5.0
Sodium chloride	5.0
Agar	15.0

Preparation
Suspend Tryptone Soya Agar (40g/1itre) in deionised water. Sterilise at 121°C for 15 minutes. Aseptically dispense into contact plates. Label plates, wrap and label pack.

Format
Ten 55mm contact 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 - 7.3 ± 0.2
Colour - Straw
Clarity - Clear
Fill volume - 17.75 ± 1.25ml

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 20-25°C and 30-35°C for 5 days.

Microbiological Testing Using Optimum Inoculum Dilution

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

Inoculum less than 100 colony forming units

Staphylococcus aureus	ATCC 6538	Straw colonies
Escherichia coli	ATCC 8739	Cream colonies
Bacillus subtilis	ATCC 6633	Irregular, straw colonies
Pseudomonas aeruginosa	ATCC 9027	Straw colonies

Results after incubation at 20 - 25°C for 5 days

Inoculum less than 100 colony forming units.

Candida albicans	ATCC 10231	Cream colonies
Aspergillus niger	ATCC 16404	White mycelium, black spores

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

Storage conditions

Store away from the light at between 8 – 15°C.