

OXOID TRYPTONE SOYA AGAR**PO0163A****Typical Formula***

	grams per litre
Pancreatic digest of casein	15.0
Enzymatic digest of soya bean	5.0
Sodium chloride	5.0
Agar	15.0

*adjusted as required to meet performance standards

Preparation

Suspend Tryptone Soya Agar (40 grams/litre) in de-ionised water. Sterilise at 121°C for 15 minutes. Cool and aseptically dispense into Petri dishes. Label dishes, wrap and label pack.

Format

Ten 90mm plates wrapped in a single nylon 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	7.3 ± 0.2
Colour	Straw 2
Clarity	Clear
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 20 - 24°C and 30 - 34°C for 5 days.

Microbiological Tests Using Optimum Inoculum DilutionPositive controls

Inoculum 10 - 100 colony forming units

Results after incubation at 30-35°C for ≤ 3 days

<i>Staphylococcus aureus</i>	ATCC®6538	Straw colonies
<i>Escherichia coli</i>	ATCC®8739	Cream colonies
<i>Bacillus subtilis</i>	ATCC®6633	Irregular, straw colonies
<i>Pseudomonas aeruginosa</i>	ATCC®9027	Straw colonies

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

<i>Candida albicans</i>	ATCC®10231	Cream colonies
<i>Aspergillus brasiliensis</i>	ATCC®16404	White mycelia, black spores

Results after incubation at 30-35°C for ≤ 5 days*Candida albicans*

ATCC®10231

Cream colonies

Aspergillus brasiliensis

ATCC®16404

White mycelia, black spores

Colony counts shall be equal to or greater than 70% of the control media (Tryptone Soya Agar or Sabouraud Dextrose Agar- *C.albicans*).

Tested in accordance with the harmonised methods described in the current European, United States and Japanese pharmacopoeias for the detection of microorganisms in non-sterile products, microbial enumeration tests.

Storage conditions

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

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