

OXOID PRODUCT SPECIFICATION

TRYPTONE SOYA AGAR

BO0330M

Typical Formula

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

Preparation

Suspend Tryptone Soya Agar (40 grams / litre) in de-ionised water. Heat to dissolve. Cool and dispense 100ml into final containers, 125ml sirop bottles. Sterilise at 121°C for 15 minutes. When cool, label each bottle and pack in units of 10 into labelled boxes.

Format

Ten sirop bottles with screw cap closures in a box.

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 weight	100.0g + 1.5g

Packaging and presentation:

General appearance of bottle 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

(Microbiology is conducted after the agar has been melted by autoclaving at 100°C for 30 minutes, cooled to 45-50°C, then dispensed into Petri dishes and allowed to set).

Positive controls

Inoculum 10-100 colony forming units.

Results after incubation at 30-34°C for 36-48 hours

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

Results after incubation at 21-25°C for 5 days

<i>Candida albicans</i>	ATCC® 10231	Cream colonies
<i>Aspergillus niger</i>	ATCC® 16404	White mycelia with or without black spores

Storage conditions

Store away from light between 2-25°C.

The Microbiological Quality Control of this product complies with the following Pharmacopoeias;

British Pharmacopoeia 2005

European Pharmacopoeia 6th Edition 2008

The Japanese Pharmacopoeia JP 15 2006

The United States Pharmacopoeia USP 32 2009