thermoscientific

PRODUCT SPECIFICATION

OXOID TRYPTONE SOYA BROTH (ACCORDING TO EP/USP/BP/JP) BO0351M

Typical Formula*

	grams per litre
Pancreatic digest of casein	17.0
Papaic digest of soybean meal	3.0
Sodium chloride	5.0
Dibasic potassium phosphate	2.5
Glucose	2.5

*adjusted as required to meet performance standards

Preparation
Suspend Tryptone Soya Broth (30.0 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

pH	7.3 ± 0.2
Colour	Straw 2, Straw 2-3 or Straw 3
Clarity	Clear
Fill weight	100.0 - 101.5g

Packaging and presentation
General appearance of bottle 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 14 days.

Microbiological Tests Using Optimum Inoculum Dilution

Positive controls
Inoculum 10-100 colony forming units.

Results after incubation at 30-34°C for 2 days

Escherichia coli	ATCC® 8739	Turbid growth
Staphylococcus aureus	ATCC® 6538	Turbid growth
Pseudomonas aeruginosa	ATCC® 9027	Turbid growth

Results after incubation at 30-34°C for 3 days

Salmonella Typhimurium	ATCC® 14028	Turbid growth
Bacillus subtilis	ATCC® 6633	Turbid growth

Tested in accordance with the harmonised methods described in the European, British, United States and Japanese pharmacopoeias for sterility tests.

Results after incubation at 20-25°C for 3 days

Bacillus subtilis	ATCC® 6633	Flocculent / surface growth

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

Candida albicans	ATCC® 10231	Flocculent / surface growth
Aspergillus brasiliensis	ATCC® 16404	White mycelia, with or without black spores

Tryptone Soya Agar and Sabouraud Dextrose Agar are used as the control media to determine the inoculum.

Clearly visible growth within 3 days for bacteria and within 5 days for fungi

Storage conditions

Store away from the light between 2 – 25ºC.

ATCC® is a registered trademark of the American Type Culture Collection

.