

PRODUCT SPECIFICATION

OXOID MODIFIED TRYPTONE SOYA BROTH + NOVOBIOCIN

BO0869S

Typical Formula*

	grams per litre
Pancreatic digest of casein	17.0
Papaic digest of soybean meal	3.0
Sodium chloride	5.0
Dipotassium hydrogen phosphate	4.0
Glucose	2.5
Bile Salts	1.5

Additions

Novobiocin	20mg
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*adjusted as required to meet performance standards

Preparation

Suspend Modified Tryptone Soya Broth (33.0 grams / litre) in de-ionised water. Heat to dissolve. Sterilise at 121°C for 15 minutes. Cool, and aseptically add novobiocin, as above. Aseptically dispense 225ml into final containers, 250ml PET bottles. Label each bottle and pack in units of 10 into labelled boxes.

Format

Ten PET 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 to straw 3
Clarity	Clear
Fill weight	223.0 – 227.0g

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 5 days.

Microbiological Tests Using Optimum Inoculum Dilution

Results after incubation at 41.0 – 42.0°C for 18 - 24 hours

Positive control

Inoculum 10 - 100 colony-forming units

<i>Escherichia coli</i>	NCTC12900	Turbid growth
<i>Escherichia coli</i>	ATCC®8739	Turbid growth

Negative control

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

Staphylococcus aureus ATCC® 6538 No growth

Inoculum determined on the control medium (Tryptone Soya Agar).

Storage conditions

Store away from light between 2 - 10°C.

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