

PRODUCT SPECIFICATION

TRYPTONE SOYA BROTH + 10% TWEEN® 20 + 3% LECITHIN

BO1023J

Typical Formula*

	grams per litre
Pancreatic digest of casein	17.0
Enzymatic digest of soya bean (Contains papain)	3.0
Sodium chloride	5.0
Dibasic potassium phosphate	2.5
Glucose	2.5

Addition

Tween® 20	100ml
Lecithin	30.0

*adjusted as required to meet performance standards

Preparation

Suspend Tryptone Soya Broth (30 grams/litre), Tween® 20 (100 millilitres/ litre) and lecithin (30 grams/ litre) in de-ionised water. Heat to dissolve. Cool and dispense 90ml 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	Opaque
Fill weight	90.0g - 91.5g

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.

Extra Contamination Checks

Incubate bottles at 30 - 34°C for 7 days then pipette 50µl onto Columbia Blood Agar. Divide inoculated bottles equally and incubate at half of the bottles at 35 - 39°C for 2 days and the other half at 20 - 24°C for 5 days. Macroscopic examination should show no evidence of microbial growth.

Microbiological Tests Using Optimum Inoculum Dilution

Positive controls

Inoculum 10 - 100 colony forming units.

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

<i>Escherichia coli</i>	ATCC® 8739	Turbid growth
<i>Staphylococcus aureus</i>	ATCC® 6538	Turbid growth

Tryptone Soya Agar is used as the control medium to determine the inoculum.

Storage conditions

Store away from the light between 2 – 25°C.

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