

PRODUCT SPECIFICATION

OXOID BRAIN HEART INFUSION BROTH

BO1230M

Typical Formula*

	grams per litre
Brain infusion solids	12.5
Beef heart infusion solids	5.0
Proteose peptone	10.0
Glucose	2.0
Sodium chloride	5.0
Disodium phosphate	2.5

*adjusted as required to meet performance standards

Preparation

Suspend Brain Heart Infusion Broth (37.0 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	7.4 ± 0.2
Colour	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 5 days.

Microbiological Tests Using Optimum Inoculum Dilution

Positive controls

Inoculum ≤ 100 colony forming units.

Results after incubation at 35-39°C for 48 hours

Candida albicans

ATCC®10231

Turbid growth

Control medium to determine the inoculum: Sabouraud Dextrose Agar

Results after incubation at 35-39°C for 22- 26 hours

Streptococcus pneumoniae ATCC®6305 Turbid growth

Testing in accordance with ISO 11133

Staphylococcus aureus ATCC®25923 (WDCM 00034) Turbid growth

Control medium to determine the inoculum: Tryptone Soya Agar

Storage conditions

Store away from light between 2-25°C

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