

## OXOID PRODUCT SPECIFICATION

### MUELLER-HINTON BROTH

BO0404E

#### Typical Formula

	grams per litre
Beef, dehydrated infusion from	300.0
Casein hydrolysate	17.5
Starch	1.5

#### Preparation

Suspend Mueller-Hinton Broth base (21 grams / litre) in de-ionised water. Heat to dissolve. Cool and dispense 10ml into final containers, universal bottles. Sterilise at 121°C for 15 minutes. When cooled label each bottle and pack in units of 24 into labelled boxes.

#### Format

Twenty four universal 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 ± 0.1
Colour	Straw
Clarity	Clear
Fill weight	10.0g + 0.3g

#### 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

##### Results after incubation at 35 - 39°C for 18 - 24 hours.

##### Positive control

Inoculum 10-100 colony forming units.

<i>Escherichia coli</i>	ATCC® 25922	Turbid growth
<i>Staphylococcus aureus</i>	ATCC® 25923	Turbid growth
<i>Enterococcus faecalis</i>	ATCC® 29212	Turbid growth
<i>Pseudomonas aeruginosa</i>	ATCC® 27853	Turbid growth

#### Storage conditions

Store away from light between 2-25°C.