

PRODUCT SPECIFICATION

OXOID X2 STRENGTH NUTRIENT BROTH

BO1319E

Typical Formula*

	grams per litre
Lab Lemco powder	10.0
Peptone	10.0
Sodium chloride	5.0

* adjusted as required to meet performance standards.

Preparation

Suspend Nutrient Broth No. 2 (50.0 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 in 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

pH	7.5 ± 0.2
Colour	Straw 2 to straw 3
Clarity	Clear
Fill weight	10.0 - 10.3g

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 35-39°C for 18-24 hours.

Positive controls

Inoculum 10-100 colony forming units

<i>Staphylococcus aureus</i>	ATCC® 25923	Turbid growth
<i>Escherichia coli</i>	ATCC® 25922	Turbid growth

Control medium for inoculum determination: Tryptone Soya Agar

Storage conditions

Store away from light between 2-25°C.

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