

PRODUCT SPECIFICATION

OXOID NUTRIENT AGAR

PO0155A

Typical Formula*

	grams per litre
Proteose peptone	15.0
Yeast extract	5.0
Liver digest	2.5
Sodium chloride	5.0
Agar	12.0

* adjusted as required to meet performance standards

Preparation

Suspend Blood Agar Base No.2 (40.0 grams / litre) in de-ionised water. Sterilise at 121°C for 15 minutes. Cool and aseptically dispense into Petri dishes. Label dishes, wrap and label pack.

Format

Ten 90mm plates, wrapped in a single nylon film wrap. Each plate is ink-jet printed with (abbreviated) product name, product code, lot number and expiry date.

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 2
Clarity	Clear
Fill weight	19.0 ± 2.0g

Packaging and presentation

General appearance of packaging and label should be satisfactory. Label data should be correct.

Contamination Check

Macroscopic examination should show no evidence of microbial growth after incubation at 30-34°C for ≥ 72 hours.

Microbiological Tests Using Optimum Inoculum Dilution

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

Positive controls

Inoculum 50-120 colony forming units

<i>Escherichia coli</i>	ATCC®8739 (WDCM 00012)	3-7mm, cream shiny colonies
<i>Salmonella</i> Typhimurium	ATCC®14028 (WDCM 00031)	3-5mm, cream shiny colonies

Results after incubation at 28-32°C for 22-26 hours

<i>Yersinia enterocolitica</i>	ATCC®9610 (WDCM 00038)	1-2 mm, cream colonies
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Colony counts shall be equal to or greater than 50% of the control medium (Tryptone Soya Agar).

Storage conditions

Store away from the light between 2-10°C.

Tested in accordance with the methods of ISO 11133.

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