

OXOID PRODUCT SPECIFICATION

XLD AGAR (EP, USP, JP, BP)

PO1132A

Typical Formula

grams per litre

Yeast extract	3.0
L-Lysine	5.0
Xylose	3.5
Lactose	7.5
Sucrose	7.5
Sodium desoxycholate	2.5
Sodium chloride	5.0
Sodium thiosulphate	6.8
Ferric ammonium citrate	0.8
Phenol red	0.08
Agar	13.5

Preparation

Suspend X.L.D. Agar (55 grams / litre) in de-ionised water. Heat to 100°C to dissolve. Cool and aseptically dispense into Petri dishes. Label dishes, wrap and label pack.

Format

Ten 90mm plates wrapped in a single cellulose-based 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

Physical Tests

pH	7.4 ± 0.2
Colour	Red
Clarity	Clear
Fill weight	19.5g ± 1.0g

Packaging and presentation:

General appearance of packaging 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 30-34°C for 18-24 hours

Positive controls

Inoculum 10-100 colony forming units

<i>Salmonella typhimurium</i>	ATCC® 14028	Red colonies, black centres
<i>Pseudomonas aeruginosa</i>	ATCC® 9027	Pink colonies
<i>Salmonella abony</i>	NCTC 6017	Red colonies, black centres

Colony counts shall be equal to or greater than 50% of the control medium.

Storage conditions

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

The Microbiological Quality Control of this product complies with the following Pharmacopoeias;
British Pharmacopoeia 2005
European Pharmacopoeia 6th Edition 2008
The Japanese Pharmacopoeia JP 15 2006
The United States Pharmacopoeia USP 32 2009