

OXOID QUALITY ASSURANCE

PRODUCT SPECIFICATION

HOYLES MEDIUM

Typical Formula, Oxoid CM83

PO0143A

	grams per litre
'Lab-Lemco' powder	10.0
Peptone	10.0
Sodium chloride	5.0
Agar	15.0

Addition

Lysed Horse Blood	50ml
Potassium Tellurite Solution (3.5%)	10ml

Preparation

Suspend Hoyles Medium (40g/litre) in deionised water. Sterilise at 121°C for 15 minutes. Cool and aseptically add Lysed Horse Blood (50ml/litre) and Potassium Tellurite as above, mix. 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	- 7.8 ± 0.2
Colour	- Red/Brown Translucent
Clarity	- Clear
Fill volume	- 19.5 ± 1ml

Packaging and presentation:

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

Sterility Test

Macroscopic examination should show no evidence of microbial growth after incubation at 20-25°C and 30-35°C for 5 days.

Microbiological Tests Using Optimum Inoculum Dilution

Results after incubation at 37 °C for 36 - 48 hours

Inoculum less than 100 colony forming units.

Corynebacterium pseudodiphtheriticum NCTC 231 Dull grey/black colonies

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

Results after incubation at 30 °C for 36 - 48 hours

Inoculum greater than 10,000 colony forming units

Candida albicans ATCC 10231 No growth-Inhibited

Storage conditions

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