

OXOID QUALITY ASSURANCE

PRODUCT SPECIFICATION

COLUMBIA AGAR WITH HORSE BLOOD

PB0122A

Typical Formula, Oxoid CM331

	grams per litre
Special peptone	23.0
Starch	1.0
Sodium chloride	5.0
Agar	10.0

Addition

Defibrinated Horse Blood	50ml
--------------------------	------

Preparation

Suspend Columbia Blood Agar Base (39g/litre) in deionised water. Sterilise at 121°C for 15 minutes. Cool and aseptically add defibrinated horse blood (50ml/litre). 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	- 7.3 ± 0.2
Colour	- Red
Clarity	- Opaque
Fill volume	- 19.5 ± 1ml

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 20-25°C and 30-35°C for 5 days.

Microbiological Tests Using Optimum Inoculum Dilution

Results after incubation at 37°C for 18-24 hours

Inoculum less than 100 colony forming units

Staphylococcus aureus ATCC 25923 White grey colonies

Streptococcus pyogenes ATCC 19615 Pale straw colonies β haemolysis

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

Storage conditions

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