

PRODUCT SPECIFICATION

STREPTOCOCCAL SELECTIVE AGAR C.O.B.A.

PB0298A

Typical Formula*

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

Additions

Defibrinated horse blood	90ml
Colistin sulphate	0.2MU
Oxolinic acid	5mg

*adjusted as required to meet performance standards

Preparation

Suspend Columbia Agar (39.0 grams / litre) in de-ionised water. Sterilise at 121°C for 15 minutes. Cool and aseptically add defibrinated horse blood (90 millilitres / litre), colistin sulphate (0.2MU / litre) and oxalinic acid (5mg / litre) and mix. Aseptically dispense into Petri dishes. Label dishes, wrap and label pack.

Format

Ten 90mm plates, wrapped in a single nylon-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

pH	7.3 ± 0.2
Colour	Red
Clarity	Opaque
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

Positive controls

Inoculum 10-100 colony forming units

Results after incubation at 35-39°C for 18-24 hours in 10% (v/v) CO₂ atmosphere.

Streptococcus pneumoniae ATCC® 6305 Grey/green colonies, α haemolysis

Results after incubation at 35-39°C for 18-24 hours

Streptococcus pyogenes ATCC® 19615 Colourless / white colonies, β haemolysis

Colony counts shall be equal to or greater than 50% of the control medium (Tryptone soya or Chocolate agar).

Negative control

Inoculum 10,000- 100,000 colony forming units

Staphylococcus aureus ATCC® 25923 No growth.

Storage conditions

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

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