

PRODUCT SPECIFICATION

OXOID FASTIDIOUS ANAEROBE AGAR + NAT

PB1251A

Typical Formula*

	grams per litre
Peptone	23.0
Sodium chloride	5.0
Starch	1.0
Glucose	1.0
Sodium pyruvate	1.0
L-Arginine	1.0
Sodium succinate	0.5
Cysteine HCl monohydrate	0.5
Sodium bicarbonate	0.4
Soluble pyrophosphate	0.25
Haemin	0.01
Vitamin K	0.001
Agar	12.0

Additions

Defibrinated horse blood	70ml
Nalidixic acid	20mg
Tween®80	1ml

*adjusted as required to meet performance standards

Preparation

Suspend Fastidious Anaerobe Agar (46.0 grams / litre) in de-ionised water. Sterilise at 121°C for 15 minutes. Cool and aseptically add defibrinated horse blood (70ml / litre), nalidixic acid (20mg / litre) and Tween 80 (1ml / litre), mix. 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	7.2 ± 0.2
Colour	Ruby red
Clarity	Opaque
Fill weight	19.0 ± 2.0 g

Packaging and presentation

General appearance of pack 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 36-48 hours under anaerobic conditions

Positive control

Inoculum 10 - 100 colony forming units.

Bacteroides fragilis

ATCC® 25285

Grey colonies

Colony counts shall be equal to or greater than 50% of the control medium (Columbia Blood Agar).

Results after incubation at 35-39°C for 36-48 hours

Negative control

Inoculum 10,000 -100,000 colony forming units.

Escherichia coli

ATCC® 25922

No growth

Inoculum determined on the control medium (Tryptone Soya Agar).

Storage Conditions

Store away from light between 2-10°C.

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