

PRODUCT SPECIFICATION

THERMO SCIENTIFIC™ BRILLIANCE™ VRE AGAR

PO1175A

Typical Formula*

	grams per litre
Peptone	25.0
Salt mix	13.0
Chromogenic mix	0.45
Agar	12.5
Antibiotic cocktail including vancomycin	5ml

*adjusted as required to meet performance standards

Preparation

Suspend *Brilliance™* VRE agar (51.0 grams / litre) in de-ionised water, mix. Sterilise at 121°C for 15 minutes. Cool, aseptically add antibiotic cocktail mix as above, 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	6.5 ± 0.2
Colour	Pale buff
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

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

Positive controls

Inoculum 10-100 colony forming units

<i>Enterococcus faecalis</i>	NCTC 12201	Blue colonies
<i>Enterococcus faecium</i>	NCTC 12202	Pink to purple colonies

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

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

Negative controls

Revision Date: January 2020 V5

Inoculum 1,000-10,000 colony forming units

<i>Escherichia coli</i>	ATCC® 25922	No growth
<i>Enterococcus faecalis</i>	ATCC® 29212	No growth
<i>Enterococcus faecalis</i>	ATCC® 19433	No growth
<i>Enterococcus gallinarum</i>	ATCC® 35038	No growth
<i>Enterococcus casseliflavus</i>	ATCC® 12755	No growth

Inoculum determined on the control medium (Tryptone Soya Agar)

Storage conditions

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

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