

## OXOID PRODUCT SPECIFICATION

### **Brilliance™ VRE AGAR**

**PO1175A**

#### **Typical Formula**

|                 | grams per litre |
|-----------------|-----------------|
| Peptone mix     | 25.0            |
| Salt mix        | 13.0            |
| Agar            | 12.5            |
| Chromogenic mix | 0.45            |

#### **Additions**

|  |      |
|--|------|
| Antibiotic cocktail (including vancomycin) | 5 ml |
|--|------|

#### **Preparation**

Suspend *Brilliance™* VRE agar (51 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 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          | 6.5 ± 0.2   |
| Colour      | Pale buff   |
| Clarity     | Opaque      |
| Fill weight | 19.5 ± 1.0g |

#### **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 20-24°C and 30-34°C for 5 days.

## 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 | Light blue colonies    |
| <i>Enterococcus faecium</i>  | NCTC 12202 | Indigo-purple colonies |

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

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

#### Negative controls

Inoculum 1,000 – 10,000 colony forming units.  
(using streak technique)

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

### Storage conditions

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