



Product Specification Sheet

Violet Red Bile Glucose Agar (ISO) (Contact Plate)

Intended Usage: A glucose-containing selective medium for the detection and enumeration of *Enterobacteriaceae* on surfaces.

For professional use only.

PO5323C

Revision Date: 25 January 2017

Thermo Scientific™ Violet Red Bile Glucose Agar (ISO) (Contact Plate)

| | |
|-----------------|--|
| Form of Product | Poured plate |
| Storage | 2 – 25°C, dark |
| Filling weight | 13.5 g ± 5 % |
| Packaging | Boxes with 2 x 10 plates wrapped in film |
| pH | 7.4 ± 0.2 |
| Colour | Signal violet, transparent |
| Shelf life | 12 weeks |
| Intended Usage | A glucose-containing selective medium for the detection and enumeration of <i>Enterobacteriaceae</i> on surfaces. For professional use only. |
| Technique | Depends on the different methods. For information see ISO/DIS 18593. |

| Typical formulation* | g/l |
|------------------------------------|-------|
| Enzymatic digest of animal tissues | 7.0 |
| Yeast extract | 3.0 |
| Bile salts No. 3 | 1.5 |
| Sodium chloride | 5.0 |
| Neutral red | 0.03 |
| Crystal violet | 0.002 |
| Glucose | 10.0 |
| Agar | 12.0 |

*Adjusted as required to meet performance standards.

Quality Control

1. Control for general characteristics, labeling and printing.
2. Control for sterility
> 72 h @ 25 ± 1°C, aerobic
> 72 h @ 36 ± 1°C, aerobic
3. Biological control
Inoculum size for productivity: 10 – 100 cfu
Inoculum size for selectivity: 10⁴ – 10⁵ cfu

Incubation conditions: 18 – 24 h @ 36 ± 1°C, aerobic

| Control Strain | Growth |
|--|--|
| <i>Salmonella typhimurium</i> ATCC® 14028™ (WDCM 00031) | 2 – 3 mm, rose colonies with bile precipitation. |
| <i>Escherichia coli</i> ATCC® 8739™ (WDCM 00012) | 3 – 7 mm, violet colonies with bile precipitation. |
| <i>Enterococcus faecalis</i> ATCC® 29212™ (WDCM 00087) | Complete inhibition (≤ 10 cfu). |

Tested in accordance with BP/EP/JP/USP. Clearly visible growth within 3 days for bacteria.

Tested in accordance with ISO 11133:2014.

The formulation of this medium conforms to DIN 10164 and ISO 21528-1 and -2.



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