

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	
Version: 03	Revision Date: 19 May 2020

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 contact plates wrapped in film
pH	7.4 ± 0.2
Appearance	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 18593 Microbiology of the food chain — Horizontal methods for surface sampling

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, labelling and printing.
2. Contamination check
 ≥ 72 h @ 20 – 25 °C, aerobic
 ≥ 72 h @ 30 – 35 °C, aerobic
3. Microbiological control

Positive Controls	Growth
Inoculum 50 – 120 colony forming units (cfu), quantitative Incubation conditions: 22 – 26 h @ 36 ± 1°C, aerobic	
<i>Salmonella</i> Typhimurium ATCC® 14028™ (WDCM 00031)	2 – 3 mm, rose colonies with bile precipitate
<i>Escherichia coli</i> ATCC® 8739™ (WDCM 00012)	3 – 7 mm, violet colonies with bile precipitate
Colony counts shall be ≥ 50% of the control medium TSA.	

Negative Control	Growth
Inoculum 10⁴ – 10⁵ cfu, qualitative, control medium COL+SB Incubation conditions: 22 – 26 h @ 36 ± 1°C, aerobic	
<i>Enterococcus faecalis</i> ATCC® 29212™ (WDCM 00087)	Total inhibition

Tested in accordance with ISO 11133.

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

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