

# Quality control certificate



## Violet Red Bile Agar with Lactose (VRBL) ISO

Nº Cat: 1093

Nº Lote: 101091

Re-test Date: 1/2024

Regulations: ISO 11133 / ISO 4832

### Formula in g/l

Bacteriological agar	15	Bile salts	1,5
Crystal violet	0,002	Neutral red	0,03
Sodium chloride	5	Yeast extract	3
Enzymatic digest of animal tissues	7	Lactose monohydrate	10

### Quality control

Solubility	Appearance	Color of the dehydrated medium	Color of the prepared medium	Final pH (25°)	Lote pH
w/o rests	Fine powder	Beige reddish	Purple-red	7,4 ± 0,2	7,3

### Microbiological test

According to ISO 11133:

Incubation conditions: Productivity, Specificity, Selectivity (24±2 h/ 30±1 °C).

Condiciones de inoculación: Productivity quantitative (100±20. Min.50 CFU) / Selectivity (10<sup>4</sup>-10<sup>6</sup> CFU) / Specificity (10<sup>3</sup>-10<sup>4</sup> CFU).

Reference media: TSA

Microorganisms	Specification	Recovery rate (%)	Characteristic reaction
Escherichia coli ATCC 25922	Good growth >50%	88%	Purplish-red colonies with or without precipitation halo
Pseudomonas aeruginosa ATCC 27853			Colourless to beige colonies
Enterococcus faecalis ATCC 29212	Total inhibition (0)		

This certificate is an electronic copy of the certificate available in our laboratory and does not require signature.