

# Liofilchem®

## Certificate of Analysis

Product	Batch	Expiration date
<b>Violet Red Bile Glucose Agar</b>	111325503	2029.10.30
Ref. 610059 – 620059 – 6100595		

Physical quality control	Specification	Results
Expected pH-value (25°C)	7.4 ± 0.2	7.4
Appearance of powder	Free-flowing, homogeneous	Conforms
Colour of powder	Beige to reddish-beige	Conforms
Appearance of prepared medium	Slightly opalescent	Conforms
Colour of prepared medium	Reddish-purple	Conforms

### Microbiological Performance

Tested according to CLSI M22-A3, EN ISO 11133, Harmonized USP/EP/JP  
Reference media: Tryptic Soy Agar

### Productivity, Method of control: Quantitative

Inoculum: 50-100 CFU

Control strains	Incubation	Expected Results	Specification	Results
<i>Escherichia coli</i> WDCM 00012	Aerobic, 24 ± 2 h 37 ± 1°C	P <sub>R</sub> ≥ 0.5	Good growth, pink to red colonies with or without precipitation halo	Conforms
<i>Escherichia coli</i> ATCC® 8739	Aerobic, 18-24 h 30-35°C	P <sub>R</sub> ≥ 0.5	Good growth, pink to red colonies with or without precipitation halo	Conforms
<i>Salmonella</i> Typhimurium WDCM 00031	Aerobic, 24 ± 2 h 37 ± 1°C	P <sub>R</sub> ≥ 0.5	Good growth, pink to red colonies with or without precipitation halo	Conforms
<i>Salmonella</i> Enteritidis WDCM 00030	Aerobic, 24 ± 2 h 37 ± 1°C	P <sub>R</sub> ≥ 0.5	Good growth, pink to red colonies with or without precipitation halo	Conforms
<i>Pseudomonas aeruginosa</i> ATCC® 9027	Aerobic, 18-24 h 30-35°C	P <sub>R</sub> ≥ 0.5	Good growth, pink to red colonies with or without precipitation halo	Conforms

### Selectivity, Method of control: Qualitative

Inoculum: 10<sup>4</sup>-10<sup>6</sup> CFU

Control strains	Incubation	Specification	Results
<i>Enterococcus faecalis</i> WDCM 00009	Aerobic, 24 ± 2 h 37 ± 1°C	Inhibition	Conforms

### Batch Release

Approved

Date

19.11.2025

Signature

Quality Control

(This document has been established electronically and is valid without signature)

The results reported were obtained at the time of release.