

CERTIFICATE OF ANALYSIS

PRODUCT CM0029B
TETRATHIONATE BROTH BASE 500g

LOT NUMBER 6249899

EXPIRY DATE 2030.04.30

DATE OF MANUFACTURE 2025.04.01

Delivery/Customer information

Date Printed

2025.04.29

Delivery No.

Customer

Customer Order Number

Physical Characteristics	Results	Specification
Appearance	White powder	White powder
Colour on reconstitution	Off white	Off white
pH (25°C)	7.8	7.8 - 8.2
Clarity	Opaque	Opaque

Microbiological Performance	Initial cfu/ml	Final cfu/ml	Log(10) Increase
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Aerobic incubation at 37°C for 18 hours

Mixed cultures challenged with greater than 1E+03 cfu/ml *Escherichia coli* ATCC®8739

<i>Salmonella enteritidis</i> ATCC®13076	7.3E+00	9.8E+07	7
<i>Salmonella typhimurium</i> ATCC®14028	6.7E+00	1.2E+08	7
<i>Salmonella virchow</i> NCTC5742	8.5E+00	7.7E+06	6

Pure cultures

	Initial cfu/ml	Final cfu/ml	Log(10) Reduction
<i>Escherichia coli</i> ATCC®25922	5.3E+04	2.0E+00	4

Control Media: Tryptone Soya Agar and Desoxycholate Citrate Agar (Hynes)

A satisfactory result is represented by recovery of positive strains equal to or greater than a 5 log(10) increase from an inoculum of 1-15 colony-forming units/ml (cfu/ml). Negative strains are inhibited or shall produce at least a 3 log(10) reduction from an inoculum of 1E+04 to 1E+05 cfu/ml.

Refer to product specification for full details.

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Lot Accepted.

This certificate is produced electronically and valid without a signature.

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