

CERTIFICATE OF ANALYSIS

PRODUCT CM0317B
E.E. BROTH 500g

LOT NUMBER 6279527

EXPIRY DATE 2026.06.30

**DATE OF
MANUFACTURE** 2025.06.05

Delivery/Customer information

Date Printed

2025.06.20

Delivery No.

Customer

Customer Order Number

Physical Characteristics	Results	Specification
Appearance	Light green powder	Light green powder
Colour on reconstitution	Blue	Blue, blue/green or green
pH (25°C)	7.2	7.0 - 7.4
Clarity	Clear	Clear

Microbiological Performance	Initial Inoculum	Test Result
Aerobic incubation at 37 ± 2°C for 24 ± 2 hours		
<i>Escherichia coli</i> ATCC®25922	44	Turbid growth
<i>Escherichia coli</i> ATCC®8739	50	Turbid growth
<i>Salmonella typhimurium</i> ATCC®14028	70	Turbid growth
<i>Salmonella abony</i> NCTC6017	91	Turbid growth
<i>Yersinia enterocolitica</i> NCTC10460	16	Turbid growth
<i>Pseudomonas aeruginosa</i> ATCC®9027	44	Turbid growth
<i>Shigella sonnei</i> ATCC®9290	55	Turbid growth
<i>Staphylococcus aureus</i> ATCC®6538	1E+04-1E+06	No growth
<i>Bacillus cereus</i> ATCC®10876	1E+04-1E+06	No growth

Testing has been performed in accordance with ISO11133:2014

Aerobic incubation at 37 ± 2°C for 24 ± 2 hours

Mixed cultures

Challenged with <1E+01 cfu/ml of *Escherichia coli* and >1E+02 cfu/ml of *Enterococcus faecalis*.

A satisfactory result is represented by recovery of >100 cfu of *Escherichia coli* on Violet Red Bile Glucose Agar (ISO).

<i>E. coli</i> ATCC®8739 WDCM00012	5.0E+00	Purple/pink cols & halo
+ <i>E. faecalis</i> ATCC®19433 WDCM00009	3.6E+02	No growth
<i>E. coli</i> ATCC®8739 WDCM00012	5.0E+00	Purple/pink cols & halo
+ <i>E. faecalis</i> ATCC®29212 WDCM00087	4.0E+02	No growth
<i>E. coli</i> ATCC®25922 WDCM00013	4.4E+00	Purple/pink cols, no halo
+ <i>E. faecalis</i> ATCC®19433 WDCM00009	3.6E+02	No growth
<i>E. coli</i> ATCC®25922 WDCM00013	4.4E+00	Purple/pink cols & halo
+ <i>E. faecalis</i> ATCC®29212 WDCM00087	4.0E+02	No growth

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**Challenged with <1E+01 cfu/ml of *Salmonella typhimurium* or *Salmonella enteritidis* and >1E+02 cfu/ml of *Enterococcus faecalis*.
A satisfactory result is represented by recovery of >100 cfu of *Salmonella* spp. on Violet Red Bile Glucose Agar (ISO).**

<i>S. typhimurium</i> ATCC®14028 WDCM00031	7.0E+00	Purple/pink cols & halo
+ <i>E. faecalis</i> ATCC®19433 WDCM00009	3.6E+02	No growth
<i>S. typhimurium</i> ATCC®14028 WDCM00031	7.0E+00	Purple/pink cols & halo
+ <i>E. faecalis</i> ATCC®29212 WDCM00087	4.0E+02	No growth
<i>S. enteritidis</i> ATCC®13076 WDCM00030	9.6E+00	Purple/pink cols & halo
+ <i>E. faecalis</i> ATCC®19433 WDCM00009	3.6E+02	No growth
<i>S. enteritidis</i> ATCC®13076 WDCM00030	9.6E+00	Purple/pink cols & halo
+ <i>E. faecalis</i> ATCC®29212 WDCM00087	4.0E+02	No growth

Pure cultures

Growth on Tryptone Soya Agar

A satisfactory result is represented by no growth of *Enterococcus faecalis*.

<i>E. faecalis</i> ATCC®19433 WDCM00009	3.6E+03	No growth
<i>E. faecalis</i> ATCC®29212 WDCM00087	4.0E+03	No growth

Control Media: Tryptone Soya Agar or Violet Red Bile Glucose Agar (ISO), where appropriate

Refer to product specification for full details.

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Lot Accepted. 2025.06.19

This certificate is produced electronically and valid without a signature.

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