



# CERTIFICATE OF ANALYSIS

**PRODUCT** CM0343B  
**MULLER KAUFFMANN TETRATH BROTH 500g**

**LOT NUMBER** 3372107

**EXPIRY DATE** 2026.10.31

**DATE OF MANUFACTURE** 2021.09.30

**Delivery/Customer information**

Date Printed

2021.11.04

Delivery No.

Customer

Customer Order Number

| Physical Characteristics                       | Results                   |                         | Specification            |
|--|---------------------------|-------------------------|--------------------------|
| Appearance                                     | Off white powder          |                         | Off white powder         |
| Colour on reconstitution                       | Off white                 |                         | Off white                |
| pH (25°C)                                      | 8.1                       |                         | 7.8 - 8.2                |
| Clarity  | Opaque                    |                         | Opaque                   |
| Microbiological Performance                    | Initial<br>cfu/ml         | Final<br>cfu/ml         | Log(10) Increase         |
| <b>Aerobic incubation at 43°C for 24 hours</b> |                           |                         |                          |
| <i>Salmonella enteritidis</i> ATCC®13076       | 6.3E+01                   | 2.2E+08                 | 6                        |
| <i>Salmonella typhimurium</i> ATCC®14028       | 4.9E+01                   | 1.1E+08                 | 6                        |
| <i>Salmonella virchow</i> NCTC5742             | 7.3E+01                   | 4.8E+07                 | 6                        |
|  | <b>Initial<br/>cfu/ml</b> | <b>Final<br/>cfu/ml</b> | <b>Log(10) Reduction</b> |
| <i>Escherichia coli</i> ATCC®8739              | 2.3E+03                   | 0.0E+00                 | 3                        |
| <b>Aerobic incubation at 43°C for 48 hours</b> |                           |                         |                          |
|  | <b>Initial<br/>cfu/ml</b> |                         | <b>Test Result</b>       |
| <i>Pseudomonas aeruginosa</i> ATCC®27853       | 4.4E+03                   |                         | Straw cols               |
| <i>Enterococcus faecalis</i> ATCC®29212        | 3.8E+03                   |                         | No growth                |
| <i>Enterococcus faecalis</i> ATCC®19433        | 4.0E+03                   |                         | No growth                |

Control Medium: Tryptone Soya Agar

A satisfactory result is represented by recovery of positive strains equal to or greater than a 2 log (10) increase from an inoculum of 10-100 colony-forming units/ml (cfu/ml). Negative strains are inhibited or shall produce at least a 2 log (10) reduction from an inoculum of greater than 1E+03 cfu/ml.

Refer to product specification for full details.



Tested by the Quality Control Laboratory  
OXOID LIMITED

Wade Road, Basingstoke, Hampshire RG24 8PW. England  
oxoid@thermofisher.com www.oxoid.com

FDA Reg No. 8010096



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The information given is believed to be correct, all results reported in this certificate relate only to the product and lot stated in this certificate of analysis. However, both the information and the product are offered without warranty for any application other than that specified in the current Oxoid Manual. This certificate shall not be reproduced except in full, without written approval of the Quality Control Laboratory, Oxoid Limited, Basingstoke.

The results reported were obtained at the time of release.

Lot Accepted. 2021.11.02

*Carissa Courtney*

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Carissa Courtney  
Director Quality, EMEA

ATCC is a registered trade mark of the American Type Culture Collection.

NCTC and National Collection of Type Cultures are registered trade marks of the Health Protection Agency.



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