

**CERTIFICATE OF ANALYSIS**

**PRODUCT** CM0079B  
**IRON SULPHITE AGAR** 500g

**LOT NUMBER** 3492199

**EXPIRY DATE** 2025.06.30

**DATE OF MANUFACTURE** 2022.05.17

**Delivery/Customer information**

Date Printed  
 2022.07.16

Delivery No.

Customer  
 Customer Order Number

| Physical Characteristics | Results            | Specification      |
|--------------------------|--------------------|--------------------|
| Appearance               | Light straw powder | Light straw powder |
| Colour on reconstitution | Straw/grey         | Straw/grey         |
| pH (25°C)                | 7.1                | 6.9 - 7.3          |
| Clarity                  | Clear              | Clear              |
| Thermophiles             | Absent             | Absent             |
| Mesophiles               | Absent             | Absent             |

| Microbiological Performance                    | Initial Inoculum | Test Result              |
|------------------------------------------------|------------------|--------------------------|
| <b>Aerobic incubation at 37°C for 24 hours</b> |                  |                          |
| <i>Clostridium perfringens</i> ATCC@13124      | 40               | Growth, gas & blackening |
| <i>Clostridium perfringens</i> NCTC10613       | 1E+04-1E+06      | Growth, gas & blackening |
| <i>Clostridium sporogenes</i> ATCC@19404       | 1E+04-1E+06      | Growth, gas & blackening |
| <i>Clostridium tetani</i> ATCC@9441            | 1E+04-1E+06      | Growth, gas & blackening |
| <i>Escherichia coli</i> ATCC@25922             | 1E+04-1E+06      | Growth, no blackening    |
| <b>Aerobic incubation at 55°C for 48 hours</b> |                  |                          |
| <i>Desulfotomaculum nigrificans</i> ATCC@19858 | 1E+04-1E+06      | Growth, gas & blackening |

Control Media: Tryptone Soya Agar or Columbia Blood Agar Base enriched with 5% v/v horse blood, where appropriate

A satisfactory result is represented by visible growth and blackening with or without gas from an inoculum of 10-100 colony-forming units (cfu). For other positive test strains, a satisfactory result is represented by visible growth and blackening with or without gas in accordance with the specification from an inoculum of 1E+04 to 1E+06 cfu.

Negative strains shall produce visible growth with no blackening or gas.

Refer to product specification for full details.



**Tested by the Quality Control Laboratory**  
**OXOID LIMITED**

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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. 2022.06.27

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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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