



Product Sheet

# *Oxalophagus oxalicus* (ATCC® 49686™)

Please read this **FIRST**



## Intended Use

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

## Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: *Oxalophagus oxalicus* (ATCC® 49686™)

## Description

**Designation:** DSM 5503 [AltOx1]

**Deposited Name:** *Clostridium oxalicum* Dehning and Schink

## Propagation

### Medium

ATCC® Medium 2309: Anaerobic oxalate medium

### Growth Conditions

**Temperature:** 30.0°C

**Atmosphere:** Anaerobic

### Propagation Procedure

1. Open vial according to enclosed instructions.
2. Under anaerobic conditions, withdraw 0.5 ml of #2309 from a single test tube (5 to 6 ml) and rehydrate the vial contents.
3. Aseptically transfer this aliquot back into the broth tube. Additional tubes may be inoculated with 0.5 ml each from the suspension.
4. Incubate tubes under an anaerobic atmosphere at 30°C. Incubate one agar plate anaerobically and one aerobically to check for contamination.

### ANAEROBIC CONDITIONS:

Anaerobic conditions for transfer may be obtained by either of the following:

- Use of an anaerobic gas chamber, or
- Placement of test tubes under a gassing cannula system hooked to anaerobic gas.

Anaerobic conditions for incubation may be obtained by any of the following:

- Loose screw caps on test tubes in anaerobic chamber,
- Loose screw caps on test tubes in an activated anaerobic gas pack jar, or
- Use of sterile butyl rubber stoppers on test tubes so that an anaerobic gas headspace is retained.

## Notes

Within 24 to 48 hours, growth is evident by turbidity in the broth. This organism can be sensitive so store at 4°C and transfer once per week. No growth should occur on the blood agar plate. Strongly recommend reading Reference #2.

Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

## References

References and other information relating to this product are available online at [www.atcc.org](http://www.atcc.org).

## Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

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## Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans. While ATCC uses reasonable efforts to include accurate and up-to-date information on this product sheet,

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Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

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