



# ***Ammoniphilus oxalaticus*** **Zaitsev et al.**

**700649™**

## **Description**

**Strain designation:** DSM 11538 [HAMBI 2283, RAOx-1]

**Deposited As:** *Ammoniphilus oxalaticus* Zaitsev et al.

**Type strain:** Yes

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## **Storage Conditions**

**Product format:** Freeze-dried

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## **Intended Use**

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

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## **BSL 1**

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

ATCC highly recommends that appropriate personal protective equipment is always

used when handling vials. For cultures that require storage in liquid nitrogen, it is important to note that some vials may leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vial exploding or blowing off its cap with dangerous force creating flying debris. Unless necessary, ATCC recommends that these cultures be stored in the vapor phase of liquid nitrogen rather than submersed in liquid nitrogen.

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## Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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## Growth Conditions

**Medium:**

ATCC Medium 2103: OM2 medium

**Temperature:** 30°C

**Atmosphere:** Aerobic

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## Handling Procedures

1. Open vial according to enclosed instructions.
2. Using a single tube of #2103 broth (5 to 6 ml), withdraw approximately 0.5 to 1.0 ml with a Pasteur or 1.0 ml pipette. Rehydrate pellet.
3. Aseptically transfer this aliquot back into the broth tube. Mix well.
4. Incubate tube at 30°C for 72 to 96 hours.

5. Transfers may now be made to a second tube of broth, a slant, and/or plate.

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## Notes

*Ammoniphilus oxalaticus* is easy to work with provided the correct media is supplied. The cells are straight rods that display motility. The Gram reaction is negative.

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

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Ammoniphilus oxalaticus* Zaitsev et al. (ATCC 700649)

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## References

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

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