



# ***Halorubrum lacusprofundi*** **(Franzmann et al.)** **McGenity and Grant**

49239™

## **Description**

**Strain designation:** ACAM34 [ACM 3107, DSM 5036, JCM 8891, UQM 3107]

**Deposited As:** *Halobacterium lacusprofundi* Franzmann 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.

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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 1682: Artificial deep lake medium

**Temperature:** 30°C

## Handling Procedures

- 1. Open vial according to enclosed instructions.**
- 2. From a single tube of #1682 broth (5 to 6 ml), withdraw approximately 0.5 to 1.0 ml with a Pasteur or 1.0 ml pipette. Rehydrate the pellet.**
- 3. Aseptically transfer this aliquot back into the broth tube. Mix well.**

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4. Use one drop of this aliquot to inoculate a #1682 slant, and transfer the remainder into the broth tube. Mix well.

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### Notes

Growth is indicated by a pinkish turbidity in the broth and the presence of small, light pink, entire, smooth colonies on the plates.

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

While every effort is made to insure authenticity and reliability of strains on deposit, ATCC is not liable for damages arising from the misidentification or misrepresentation of cultures.

ATCC recommends that individuals contemplating commercial use of any culture first contact the originating investigator to negotiate an agreement. Third party distribution of this culture is discouraged, since this practice has resulted in the unintentional spreading of contaminated cultures.

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### Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Halorubrum lacusprofundi* (Franzmann et al.) McGenity and Grant (ATCC 49239)

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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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