



# *Haloarcula marismortui* (ex Volcani) Oren et al.

43049™

## Description

**Strain designation:** [DSM 3752, JCM 8966, VKM B-1809]

**Deposited As:** *Haloarcula marismortui* (ex Volcani) Oren 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 1218: Halobacterium starch medium

**Temperature:** 37°C

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### **Handling Procedures**

- 1. Open vial according to enclosed instructions.**
- 2. Using a single tube of #1218 broth, withdraw 0.5 ml and rehydrate the entire pellet.**
- 3. Transfer the rehydrated pellet back into the tube of broth. Inoculate #1218 slant(s). Inoculate non-selective plate(s) to test for contaminants.**
- 4. Incubate the tubes and plates at 35 to 37°C. Growth in broth will take**

approximately 3 to 5 days with shaking. Growth is poor on solid medium and is best attained when agar media is sealed and incubated with a moisture source such as a damp towel.

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### Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Haloarcula marismortui* (ex Volcani) Oren et al. (ATCC 43049)

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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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## Revision

This information on this document was last updated on 2024-10-24

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## Contact Information

ATCC

10801 University Boulevard

Manassas, VA 20110-2209

USA

US telephone: 800-638-6597

Worldwide telephone: +1-703-365-2700

Email: [tech@atcc.org](mailto:tech@atcc.org) or contact your local distributor

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