



Product Sheet

# *Thermaerobacter marianensis* (ATCC®) 700841™)

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: *Thermaerobacter marianensis* (ATCC® 700841™)

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Manassas, VA 20108 USA  
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Fax: 703.365.2750  
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## Description

**Designation:** JCM 10246 [7p75a, DSM 12885]  
**Deposited Name:** *Thermaerobacter marianensis* Takai et al.

## Propagation

### Medium

ATCC® Medium 2: Marine agar 2216 or marine broth 2216

### Growth Conditions

**Temperature:** 70.0°C

**Atmosphere:** Aerobic

### Propagation Procedure

1. Open the frozen vial and aseptically transfer the contents of the vial into a single tube of #1917 broth containing 5 to 6 ml.
2. Use several drops of this suspension to inoculate a second tube of broth.
3. Incubate both tubes at 70°C for 24 hrs.

## Notes

*Thermaerobacter marianensis* cells are Gram-variable (negative in stationary phase), non-spore-forming and non-motile rods. Can be grown on slants at 70°C. This strain is very sensitive to temperature after growth. If left at room temperature for 2-3 days, the cells lose viability. The cells can be kept at 70°C for up to two weeks. For preservation, use DMSO (5% final concentration). Do not use glycerol as a cryoprotectant.

## 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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