



Product Sheet

# *Methylosarcina quisquiliarum* (ATCC®) 700908™)

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: *Methylosarcina quisquiliarum* (ATCC® 700908™)

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
[www.atcc.org](http://www.atcc.org)

800.638.6597 or 703.365.2700  
Fax: 703.365.2750  
Email: [Tech@atcc.org](mailto:Tech@atcc.org)

Or contact your local distributor

## Description

**Designation:** AML-D4 [DSM 13737]

**Deposited Name:** *Methylosarcina quisquiliarum* Wise et al.

## Propagation

### Medium

ATCC® Medium 1306: Nitrate mineral salts medium (NMS)

### Growth Conditions

**Temperature:** 30.0°C

**Atmosphere:** Under a gas mixture of 50% air, 50% methane

### Propagation Procedure

1. Open vial according to enclosed instructions.
2. Using a single tube of broth, aseptically transfer 0.5 ml to the vial and rehydrate the pellet.
3. Aseptically transfer this aliquot back to the broth tube and mix well. Transfer 0.1 ml to a second broth tube and 0.1 ml to slants. Plate the rehydrated culture (0.1 ml) onto non-selective medium (to test for purity).
4. Incubate the culture at 30°C for 5 to 7 days. When using ATCC Medium #1306 the culture needs to be fed a mixture of 50% methane and 50% air every 24 hours for best results.
5. Growth should be detected within 5 to 7 days. No growth should be detected on the non-selective plates.

## Notes

Microscopic examination shows the cells to be coccoid-shaped, motile, and tend to grow in clusters. Cells will grow on agar.

## 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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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at [www.atcc.org](http://www.atcc.org)



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