



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

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: 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.

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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