



Methylophila capsulata **Doronina et al.**

700716™

Description

Strain designation: IM1 [VKM B-1606]

Deposited As: *Methylophila capsulata* Doronina et al.

Type strain: Yes

Storage Conditions

Product format: Freeze-dried

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.

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.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Growth Conditions

Medium:

ATCC Medium 1306: Nitrate mineral salts medium (NMS)

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ATCC Medium 3: Nutrient agar or nutrient broth

Temperature: 30°C

Atmosphere: Aerobic

Handling Procedures

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 slants. Plate the rehydrated culture (0.1 ml) onto non selective medium.

4. Incubate the culture at 30°C for three to five days.

Notes

Strain is able to grow on ATCC Medium #3, Nutrient Agar (Difco 0001) or Nutrient Broth (Difco 0003).

Under microscopic examination, the cells are motile rods, in singles and pairs. They are Gram negative, non-pigmented cells, and endospores are absent.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Methylopila capsulata* Doronina et al. (ATCC 700716)

References

References and other information relating to this material are available at www.atcc.org.

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