



Product Sheet

# *Methylocella palustris* (ATCC® 700799™)

Please read this **FIRST**



Storage Temp.  
**Frozen: -80°C or colder**  
**Freeze-Dried: 2°C to 8°C**  
**Live Culture: See Propagation Section**

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Biosafety Level  
**1**

## 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: *Methylocella palustris* (ATCC® 700799™)

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:** K  
**Deposited Name:** *Methylocella palustris* Dedysch et al.  
**Product Description:** Type strain

## Propagation

**Medium**  
ATCC® Medium 2157: Methylocella medium

**Growth Conditions**  
**Temperature:** 22°C  
**Atmosphere:** Under a gas mixture of 50% air, 50% methane

**Propagation Procedure**

1. Open vial according to enclosed instructions or visit [www.atcc.org](http://www.atcc.org) for instructions.
2. Rehydrate the entire pellet with approximately 0.5 mL of #2157 broth. Aseptically transfer the entire contents to a 5-6 mL tube of #2157 broth. Additional test tubes can be inoculated by transferring 0.5 mL of the primary broth tube to these secondary tubes.
3. Use several drops of the primary broth tube to inoculate a #2157 plate and/or #2157 agar slant.
4. Incubate at 22°C for 3-4 weeks (see notes).
5. Growth is detected on plates in 16-20 days. Little or no growth is detected in broth.

## Notes

When using Medium #2157 incubate in a gas mixture of 50% methane and 50% air. Best growth is obtained on agar, little or no growth in broth.

This strain is able to utilize either methane or methanol.

Best growth is obtained on plates, little or no growth in broth.

Additional information on this culture is available on the ATCC® web site at [www.atcc.org](http://www.atcc.org).

## 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.

## ATCC Warranty

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## Disclaimers

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## ***Methylocella palustris*** **(ATCC® 700799™)**

is made to insure authenticity and reliability of materials on deposit, ATCC is not liable for damages arising from the misidentification or misrepresentation of such materials.

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)

Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

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