



Product Sheet

# *Methylobacterium extorquens* (ATCC® 43645™)

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: *Methylobacterium extorquens* (ATCC® 43645™)

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)

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## Description

**Designation:** NCIB 9399 [ATCC 23326, DSM 1337, TK 0001]

**Deposited Name:** *Methylobacterium extorquens* (Urakami and Komagata) Bousfield and Green

## Propagation

### Medium

ATCC® Medium 784: AMS (ammonium mineral salts)

### Growth Conditions

**Temperature:** 30.0°C

**Atmosphere:** Aerobic

### Propagation Procedure

1. Open vial according to enclosed instructions.
2. Using a single tube of #784 broth (5 to 6 ml), withdraw approximately 0.5 to 1.0 ml with a Pasteur or 1.0 ml pipette. Rehydrate the entire pellet.
3. Aseptically transfer this aliquot back into the broth tube. Mix well.
4. Use several drops of the suspension to inoculate a #784 agar slant and/or plate.
5. Incubate the tubes and plate at 30°C for 48 to 72 hours.

## Notes

Strain is able to grow on ATCC® Medium #3, Nutrient Agar (BD213000) or Nutrient Broth (BD234000).

**Two colony types observed on #784 at 72 hours. 1) Circular, entire, pink, convex, and dull. 2) Circular, entire, pink, convex, and glistening. On #3 agar colonies are entire, glistening, smooth, and salmon-colored.**

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.

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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this



Product Sheet

***Methylobacterium*  
*extorquens* (ATCC®  
43645™)**

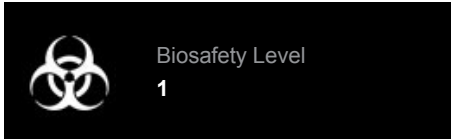
product. The MTA is also available on our Web site at [www.atcc.org](http://www.atcc.org)

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

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