

Product Sheet

Xanthobacter autotrophicus (ATCC[®] 43050™)

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: *Xanthobacter autotrophicus* (ATCC® 43050™)

Shipping Information

Distributed: freeze-dried

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: <u>Tech@atcc.org</u>

Or contact your local distributor



Description

Designation: GJ10

Deposited Name: Xanthobacter autotrophicus (Baumgarten et al.) Wiegel et al.



Propagation

Medium

ATCC® Medium 3: Nutrient agar or nutrient broth

Growth Conditions Temperature: 30.0°C

Propagation Procedure

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



Notes

Colonies on #3 agar are circular with an entire margin, convex elevation, smooth glistening surface and yellow pigmentation. Cells are pleomorphic rods.



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.

ATCC Warranty

The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans.

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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



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