



Product Sheet

# *Xanthobacter autotrophicus* (ATCC® 35674™)

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® 35674™)

American Type Culture Collection  
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Manassas, VA 20108 USA  
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## Description

**Designation:** DSM 432 [7C]

**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 the enclosed instructions.
2. From a single tube of #3 broth (5 to 6 ml), withdraw approximately 0.5 to 1.0 ml with a Pasteur or 1.0 ml pipette. Use this to 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 an agar slant and/or plate.
5. Incubate the tubes and plate at 30°C for 48 to 72 hours.

## Notes

Colonies on #3 plates are mucoid, entire, glistening, smooth, convex, and yellow.

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

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