



Product Sheet

# *Carbophilus carboxidus* (ATCC® 51424™)

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: *Carbophilus carboxidus* (ATCC® 51424™)

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
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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:** DSM 1086 [CIP 105722]

**Deposited Name:** *Carbophilus carboxidus* Meyer et al.

## Propagation

### Medium

ATCC® Medium 1932: Modified DSM 133 (carbon monoxide oxidizers)

### Growth Conditions

**Temperature:** 30.0°C

### Propagation Procedure

1. Open vial according to enclosed instructions.
2. From a single tube of #1932 broth (5 to 6 ml), withdraw approximately 0.5 to 1 ml with a Pasteur or 1.0 ml pipette. Rehydrate the pellet.
3. Aseptically transfer this aliquot back into the broth tube. Mix well.
4. Use several drops of the suspension to inoculate a #1932 agar slant and/or plate.
5. Incubate all tubes and plate at 30°C for 5-7 days.

## Notes

Colonies are small with entire margins and are translucent. Cells stain Gram negative. Growth in the #1932 broth is noted by fairly heavy turbidity.

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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