



Gluconobacter oxydans **(Henneberg) De Ley**

9937™

Description

Strain designation: MA 61

Deposited As: *Acetobacter melanogenus* Beijerinck

Type strain: No

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Storage Conditions

Product format: Freeze-dried

Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

BSL 1

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ATCC highly recommends that appropriate personal protective equipment is always used when handling vials. For cultures that require storage in liquid nitrogen, it is important to note that some vials may leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vial exploding or blowing off its cap with dangerous force creating flying debris. Unless necessary, ATCC recommends that these cultures be stored in the vapor phase of liquid nitrogen rather than submersed in liquid nitrogen.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Growth Conditions

Medium:

ATCC Medium 1: Mannitol Agar/Broth

Temperature: 26°C

Handling Procedures

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- 1. Open vial according to the enclosed instructions.**
 - 2. Using a single tube of #1 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 #1 agar slant and/or plate. However, it is advisable to establish good growth in the primary broth tube before making subsequent transfers.**
 - 5. Incubate all tubes and plate at 26°C. The broth requires 48 to 72 hours to grow. Additional incubation may be required for growth on solid medium.**
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Notes

Colonies on #1 agar are glistening, smooth, and slightly irregular, with a brownish center. Older colonies appear yellow-brown.

Additional information on this culture is available on the ATCC web site at www.atcc.org.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Gluconobacter oxydans* (Henneberg) De Ley (ATCC 9937)

References

References and other information relating to this material are available at www.atcc.org.

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