



Corynebacterium acetoacidophilum Shiio et al.

39683™

Description

Strain designation: 186 AJ-3418 [FERM-P 1683]

Deposited As: *Corynebacterium acetoacidophilum* Shiio et al.

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 3: Nutrient agar or nutrient broth

Temperature: 30°C

Handling Procedures

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 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 an additional broth tube, a #3 agar slant and/or a plate.
 5. Incubate all tubes and plate at 30°C for 24 hours.
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Notes

Colonies on #3 agar are circular, entire, convex, smooth, and yellow.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Corynebacterium acetoacidophilum* Shii et al. (ATCC 39683)

References

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

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Revision

This information on this document was last updated on 2025-05-05

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