



***Gluconacetobacter azotocaptans* Fuentes-Ramirez et al.**

700988™

Description

Strain designation: CFN-Ca54 [CFN-Cf54, DSM 13594]

Deposited As: *Gluconacetobacter azotocaptans* Fuentes-Ramirez et al.

Type strain: Yes

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

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

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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

Atmosphere: Aerobic

Handling Procedures

1. Open vial according to enclosed instructions.
2. From 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 and use to rehydrate the entire pellet.
3. Use 0.1 ml of this suspension to inoculate #1 slants and 0.1ml to inoculate #1 plates.

4. Incubate tubes and plates at 26°C, under aerobic conditions, for 5-7 days.
 5. After 5-7 days of incubation, wash cells from the slant and transfer this broth to a new slant and plate. Incubate another 5-7 days under aerobic conditions. This second transfer and incubation is necessary for complete removal of the cryoprotectant, which can inhibit growth.
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Notes

Growth on agar at 7 days yields low-convex colonies that are 2-3 mm in diameter with entire margins and an opaque intrastructure. Cells are motile and ellipsoidal to rod-shaped in broth after 5-7 days incubation.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Gluconacetobacter azotocaptans* Fuentes-Ramirez et al. (ATCC 700988)

References

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

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