



# ***Gluconacetobacter diazotrophicus* (Gillis et al.) Yamada et al.**

**49038™**

## **Description**

**Strain designation:** PPe 4 [LMG 7971]

**Deposited As:** *Acetobacter diazotrophicus* Gillis et al.

**Type strain:** No

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## **Storage Conditions**

**Product format:** Freeze-dried

**Storage conditions:** 2°C to 8°C

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## **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.

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## **BSL 1**

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## ***Gluconacetobacter diazotrophicus* (Gillis et al.) Yamada et al.**

49038

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.

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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](http://www.atcc.org).

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### **Growth Conditions**

**Medium:**

ATCC Medium 1: Mannitol Agar/Broth

**Temperature:** 30°C

**Atmosphere:** Aerobic

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### **Handling Procedures**

1. Open vial according to 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.
  5. Incubate the tubes and plate at 30°C for 48-72 hours.
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## ***Gluconacetobacter diazotrophicus* (Gillis et al.) Yamada et al.**

49038

### **Notes**

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

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### **Material Citation**

If use of this material results in a scientific publication, please cite the material in the following manner: *Gluconacetobacter diazotrophicus* (Gillis et al.) Yamada et al. (ATCC 49038)

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### **References**

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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## ***Gluconacetobacter diazotrophicus* (Gillis et al.) Yamada et al.**

49038

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# ***Gluconacetobacter diazotrophicus* (Gillis et al.) Yamada et al.**

49038

## **Revision**

This information on this document was last updated on 2021-05-19

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