



Priestia megaterium (de Bary) Gupta et al.

10778™

Description

Priestia megaterium strain NCIB 8508 [NRRL B-938] is a bacterium that was isolated in Washington from soil. This strain produces riboflavin (vitamin B2) and cobalamin (vitamin B12).

Strain designation: NCIB 8508 [NRRL B-938]

Deposited As: *Bacillus megaterium* de Bary

Type strain: No

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Storage Conditions

Product format: Freeze-dried

Storage conditions: 2°C to 8°C

Intended Use

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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:

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ATCC Medium 3: Nutrient agar or nutrient broth

Temperature: 30°C**Atmosphere:** Aerobic

Handling Procedures

1. Open vial.
 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 a second tube of broth, a slant, and/or plate.
 5. Incubate all tubes and plate at 30°C for 24 hours.
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Notes

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: *Priestia megaterium* (de Bary) Gupta et al. (ATCC 10778)

References

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

Warranty

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