Deposited Name: Spirillum lipoferum Beijerinck

Product Description: Type strain

Medium
ATCC® Medium 838: Spirillum nitrogen-fixing medium

Growth Conditions
Temperature: 30°C
Atmosphere: Aerobic

Propagation Procedure
1. Open vial according to enclosed instructions.
2. From a single tube of #838 broth (5 to 6 mL), withdraw approximately 0.6 to 1.0 mL with a Pasteur or 1.0 mL pipette and use to rehydrate the entire pellet.
3. Use 0.5 mL of this suspension to inoculate a #838 slant and 0.1 mL to inoculate #838 plates.
4. Incubate tubes and plates at 30°C, under aerobic conditions, for 48-72 hours.
5. After 48-72 hours of incubation, wash cells from the slant and transfer this broth to a new slant and plate. Incubate another 48-72 hours under aerobic conditions. This second transfer and incubation is necessary for complete removal of the cryoprotectant, which can inhibit growth.

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

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

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the Biosafety in Microbiological and Biomedical Laboratories from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

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Product Sheet

Azospirillum brasilense
(ATCC® 29145™)

Please read this FIRST

Storage Temp.
Frozen: -80°C or colder
Freeze-Dried: 2°C to 8°C
Live Culture: See Propagation Section

Biosafety Level
1

Intended Use

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

Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: Azospirillum brasilense (ATCC® 29145™)