**Description**

**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.

**Notes**

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

**References**

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

**Biosafety Level:** 1

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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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org.
Product Sheet

**Azospirillum brasilense**  
*(ATCC® 29145™)*

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**Please read this FIRST**

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

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**Biosafety Level**  
1

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**Intended Use**

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

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**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™)*