



# *Spirillum volutans* Ehrenberg

19553™

## Description

**Deposited As:** *Spirillum volutans* Ehrenberg

**Type strain:** No

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## Storage Conditions

**Product format:** Test tube

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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

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.

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 234: Peptone-succinate agar

**Temperature:** 30°C

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### Handling Procedures

1. The organism is maintained and distributed as a test tube culture. Growth occurs at the top portion of the tube. Culture should be transferred immediately upon receipt. Inoculum should be 0.2 ml per 10 ml of medium. Incubate tubes in a slanted position to increase surface area.

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### Notes

Cells are spiral in shape with internal refractile structures. Young cultures exhibit

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19553

motility.

1000X

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### **Material Citation**

If use of this material results in a scientific publication, please cite the material in the following manner: *Spirillum volutans* Ehrenberg (ATCC 19553)

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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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### **Warranty**

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## Revision

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