



Product Sheet

# *Sulfurospirillum* *deleyianum* (ATCC® 51133™)

Please read this **FIRST**



## 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: *Sulfurospirillum deleyianum* (ATCC® 51133™)

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
[www.atcc.org](http://www.atcc.org)

800.638.6597 or 703.365.2700  
Fax: 703.365.2750  
Email: [Tech@atcc.org](mailto:Tech@atcc.org)

Or contact your local distributor

## Description

**Designation:** *Spirillum* 5175 [DSM 6946]

**Deposited Name:** *Sulfurospirillum deleyianum* Schumacher et al.

## Propagation

### Medium

ATCC® Medium 1842: *Sulfurospirillum* medium

### Growth Conditions

**Temperature:** 30.0°C

**Atmosphere:** Anaerobic

### Propagation Procedure

1. **Open the vial according to the enclosed instructions.**
2. Rehydrate the entire pellet using 0.5 to 1.0 ml of #1842 broth.
3. Aseptically transfer this aliquot back into the broth tube.
4. Use several drops of the suspension to inoculate plates to check for purity and anaerobic growth.
5. **Fill the tube with the rehydrated culture to capacity and seal with a screw cap. Incubate at 30°C for 3-4 days. Incubate the plate used to test for purity at 30°C aerobically. The plate to test for anaerobic growth should be incubated in an anaerobic jar at 30°C.**

## Notes

Use a small sterile screw cap test tube to grow the culture initially. As the culture grows, it can be transferred to increasingly larger volumes. Always use a large inoculum (10 to 20%) to obtain the best growth.

No growth should occur on the plate incubated aerobically.

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

## References

References and other information relating to this product are available online at [www.atcc.org](http://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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## Disclaimers

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Product Sheet

***Sulfurospirillum*  
*deleyianum* (ATCC®  
51133™)**

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

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