



***Pararhodospirillum photometricum* Molisch**

27871™

Product Sheet

Description

Strain designation: STrUW

Deposited As: *Rhodospirillum photometricum* Molisch

Type strain: No

Storage Conditions

Product format: Frozen

Storage conditions: -80°C or colder

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.

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.

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:

ATCC Medium 0550: R 8 A H medium

Temperature: 26°C

Atmosphere: Anaerobic

Handling Procedures

1. Put 10 mL of #550 broth into a screw cap test tube. Add 3% cysteine (stock concentration, 2 mL/100 mL medium) and then fill the test tube to capacity with additional #550 broth. Seal the test tube with a screw cap.
2. Let the tube sit at room temperature for 30 minutes before inoculating it with the culture.
3. Allow the frozen vial to thaw at room temperature. Transfer the entire aliquot

- into the screw cap test tube and close tightly. (You may have to remove 0.5 mL first, but be sure the test tube is refilled to capacity).
4. Incubate the culture at 26C under a tungsten lamp for 5-7 days.
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Notes

Growth occurs as brown sediment in the broth. Microscopic examination shows motile spirals and curved rods.

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: *Pararhodospirillum photometricum* Molisch (ATCC 27871)

References

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

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