



Product Sheet

# *Sulfolobus solfataricus* (ATCC® BAA-1849™)

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: *Sulfolobus solfataricus* (ATCC® BAA-1849™)

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: 98/2

## Propagation

### Medium

ATCC® Medium 1304: *Sulfolobus solfataricus* medium

### Growth Conditions

Temperature: 70°C

Atmosphere: Aerobic

### Propagation Procedure

1. Open vial according to enclosed instructions.
2. Using a single tube of #1304 broth (5 to 6 ml), withdraw approximately 0.5 to 1.0 ml with a Pasteur or 1.0 ml pipette. Rehydrate the entire pellet.
3. Aseptically transfer this aliquot back into the broth tube. Mix well.
4. Use several drops of the suspension to inoculate a #1304 agar slant and/or plate.
5. Incubate the tubes and plate at 70°C for 48-72 hours.

## Notes

When making media for this organism, the glassware needs to be new without treatment with any kind of detergent. Detergents will inhibit growth and possibly kill the organism. This organism does not have a long shelf life; it will die if it sits at room temperature for prolonged periods, as well as incubating for longer than the specified period of time.

This organism prefers broth propagation over agar; there will be little to no colony formation. The cells are irregular shaped cocci that are non-motile.

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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## ***Sulfolobus solfataricus*** **(ATCC® BAA-1849™)**

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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