



Product Sheet

## *Thiomicrospira*

### *psychrophila* (ATCC®)

700954™)

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**

#### 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: *Thiomicrospira psychrophila* (ATCC® 700954™)

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:** SVAL-D

**Deposited Name:** *Thiomicrospira* sp.

#### Propagation

##### Medium

ATCC® Medium 2228: *Thiomicrospira pelophila* medium

##### Growth Conditions

**Temperature:** 15°C

**Atmosphere:** Aerobic

##### Propagation Procedure

1. Open vial according to enclosed instructions or visit [www.atcc.org](http://www.atcc.org) for instructions.
2. Pre chill media (broth, slant and plants) and keep on ice when working with culture.
3. Rehydrate the entire pellet with approximately 0.5 mL of #2228 broth. Aseptically transfer the entire contents to a 5-6 mL tube of #2228 broth. Additional test tubes can be inoculated by transferring 0.5 mL of the primary broth tube to these secondary tubes.
4. Use several drops of the primary broth tube to inoculate a #2228 plate and/or #2228 agar slant.
5. Incubate at 15°C for 4 to 10 days. Growth should be evident when the broth culture changes from blue to yellow.

#### Notes

On #2228 agar colonies are very small (pinpoint) and white. Cells are small rods that occur singly and in pairs, and very motile. No growth should occur on the nonselective plate.

For best growth use freshly prepared media. An additional transfer may be required after initial 8 days of growth in order to achieve acceptable growth.

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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the misidentification or misrepresentation of such materials.

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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