



Product Sheet

# *Thiomicrospira chilensis* (ATCC® 700858™)

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: *Thiomicrospira chilensis* (ATCC® 700858™)

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Manassas, VA 20108 USA  
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## Description

**Designation:** DSM 12352 [Ch-1, Chile-1]

**Deposited Name:** *Thiomicrospira chilensis* Brinkhoff et al.

## Propagation

### Medium

ATCC® Medium 2228: *Thiomicrospira pelophila* medium

### Growth Conditions

**Temperature:** 30.0°C

**Atmosphere:** Aerobic

### Propagation Procedure

1. Open vial according to enclosed instructions.
2. Withdraw 0.5 ml of the recommended broth from a single test tube (5 to 6 ml) and rehydrate the vial contents.
3. Aseptically transfer this aliquot back into the broth. Additional broth tubes may be inoculated with 0.5 ml each from the suspension. A slant and a plate of the recommended medium may be inoculated with 0.2 ml each. A plate of non-selective medium such as nutrient agar may be streaked to check for aerobic contamination.
4. Incubate tubes and plates at 20°C.
5. In 3 to 6 days, growth is evident when the broth culture changes from blue to yellow. Growth can also be detected when the broth culture is examined by phase and by colonies on the agar surfaces. No growth should occur on the non-selective plate. Colonies are very small (pinpoint) and white. Cells are small rods that occur singly and in pairs, and are very motile.

## Notes

For best growth use freshly prepared media or media which has been stored under anaerobic conditions after preparation. Perform transfers under anaerobic conditions or minimize exposure to oxygen.

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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***Thiomicrospira chilensis***  
**(ATCC® 700858™)**

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