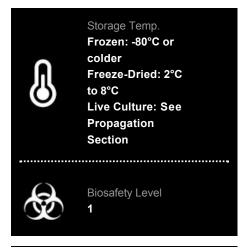


**Product Sheet** 

## Acidithiobacillus thiooxidans (ATCC<sup>®</sup> 8085™)

#### 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:  $Acidithiobacillus\ thiooxidans$  (ATCC® 8085 $^{\text{TM}}$ )

American Type Culture Collection PO Box 1549 Manassas, VA 20108 USA www.atcc.org

800.638.6597 or 703.365.2700 Fax: 703.365.2750 Email: <u>Tech@atcc.org</u>

Or contact your local distributor

## Q Description

Designation: [IFO 13701, NCIB 9112]

Deposited Name: Thiobacillus thiooxidans Waksman and Joffe



#### Propagation

#### Medium

ATCC® Medium 125: Thiobacillus medium

Growth Conditions Temperature: 26°C Atmosphere: Aerobic

#### **Propagation Procedure**

- 1. Incubate the test tube culture at room temperature for 1 to 2 weeks upon arrival.
- After the sulfur has settled to the bottom of the test tube examine the culture by phase microscopy to insure growth has occurred.
- 3. Use the entire tube to inoculate 100 mL of Medium #125 (in a 250 mL screw cap flask) and then place the flask on a shelf at room temperature.
- Let the flask incubate for 2 to 4 weeks. Growth is indicated when the sulfur settles to the bottom of the flask.



#### **Notes**

When examined by phase microscopy cells appear as rods in singles and pairs. The culture generally does not exhibit turbidity.

Additional information on this culture is available on the ATCC® web site at www.atcc.org.



#### References

References and other information relating to this product are available online at 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.

## **ATCC Warranty**

ATCC® products are warranted for 30 days from the date of shipment, and this warranty is valid only if the product is stored and handled according to the information included on this product information sheet. If the ATCC® product is a living cell or microorganism, ATCC lists the media formulation that has been found to be effective for this product. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this product. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

### **Disclaimers**

This product is intended for laboratory research purposes only. It is not intended for use in humans. While ATCC uses reasonable efforts to include accurate and up-to-date information on this product sheet, ATCC makes no warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. ATCC does not warrant that such information has been confirmed to be accurate.

This product is sent with the condition that you are responsible for its safe storage, handling, and use. ATCC is not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to insure authenticity and reliability of materials on deposit, ATCC is not liable for damages arising from the misidentification or misrepresentation of such materials.

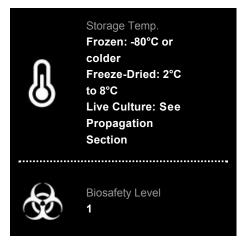
Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at <a href="https://www.atcc.org">www.atcc.org</a>



**Product Sheet** 

# Acidithiobacillus thiooxidans (ATCC<sup>®</sup> 8085™)

#### 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: *Acidithiobacillus thiooxidans* (ATCC® 8085™)

American Type Culture Collection PO Box 1549 Manassas, VA 20108 USA www.atcc.org

800.638.6597 or 703.365.2700 Fax: 703.365.2750 Email: Tech@atcc.org

Or contact your local distributor