



Product Sheet

# ***Acidothermus cellulolyticus* (ATCC® 43068™)**

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: *Acidothermus cellulolyticus* (ATCC® 43068™)

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:** 11B

**Deposited Name:** *Acidothermus cellulolyticus* Mohagheghi et al.

## **Propagation**

### **Medium**

ATCC® Medium 1473: LPBM acido-thermophile medium

### **Growth Conditions**

**Temperature:** 55°C

**Atmosphere:** Aerobic

### **Propagation Procedure**

1. Open vial according to enclosed instructions.
2. Using a single tube of #1473 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 additional #1473 broth tubes.
5. Incubate all tubes and plate in a moist can or jar (to prevent dehydration) at 55°C for 5 to 8 days.

## **Notes**

Growth occurs within 5 to 8 days when initially rehydrated. After growth has been established the culture can be transferred every 48 to 72 hours. The cells are long slender rods with rounded ends and are non-motile. This item grows in broth, where the cells tend to form clumps and flocculate after 3 to 10 days.

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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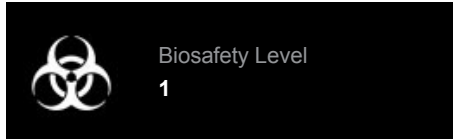
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