



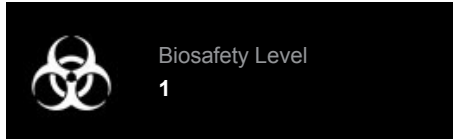
Product Sheet

## *Halothiobacillus*

### *neapolitanus* (ATCC®)

23638™)

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: *Halothiobacillus neapolitanus* (ATCC® 23638™)

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: 1M [ICPB 4330]

Deposited Name: *Thiobacillus neapolitanus* Parker

#### Propagation

##### Medium

ATCC® Medium 290: S-6 medium for Thiobacilli

##### Growth Conditions

Temperature: 30.0°C

##### Propagation Procedure

1. Open vial according to enclosed instructions.
2. Using a single tube of #290 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 #290 agar slant and/or plate.
5. Incubate the tubes and plate at 30°C for 72 hours.

#### Notes

After approximately 3 days of incubation, growth is evident by turbidity in the broth and by colonies on the agar surfaces and at the base of the slants. Cells are small Gram negative rods occurring singly, in pairs and sometimes in short chains. Some cells exhibit motility. Colonies are small (less than 0.5 mm diameter), circular, with a convex elevation. Colonies become opaque and develop a pale yellow color with age.

Additional information on this culture is available on the ATCC® web site at [www.atcc.org](http://www.atcc.org). Colonies on agar are circular, entire, smooth, convex, glistening, and translucent. With age colonies become opaque white beginning at the center

#### 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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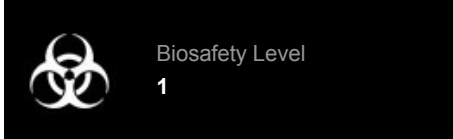
***Halothiobacillus***  
***neapolitanus* (ATCC®**  
**23638™)**

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)

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