



Product Sheet

# **Geobacillus stearothermophilus** (ATCC® 39536™)

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: *Geobacillus stearothermophilus* (ATCC® 39536™)

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:** Genecor NZ3  
**Deposited Name:** *Bacillus stearothermophilus* Donk

## Propagation

**Medium**  
ATCC® Medium 18: Trypticase Soy Agar/Broth

**Growth Conditions**  
**Temperature:** 50.0°C

## Propagation Procedure

**PROPAGATION PROCEDURE:**

1. Open vial according to enclosed instructions.
2. Using a single tube of #18 broth (5 to 6 ml), withdraw approximately 0.5 to 1.0 ml with a Pasteur or 1.0 ml pipette. Rehydrate the pellet.
3. Aseptically transfer this aliquot back into the broth tube. Mix well.
4. Using several drops of the suspension, inoculate a second tube of broth, a slant, and/or a plate.
5. Incubate all tubes and plate at 55°C for 24-48 hours.

## Notes

Colonies are circular, entire, glistening, smooth, low convex, and opaque. The colonies will become dry as the culture ages.

Additional information on this culture including references on quality control testing 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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Product Sheet

***Geobacillus***  
***stearothermophilus***  
**(ATCC® 39536™)**

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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