



Product Sheet

# **Geobacillus stearothermophilus** (ATCC® 31783™)

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® 31783™)

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:** N21  
**Deposited Name:** *Bacillus stearothermophilus* Donk

## Propagation

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

**Growth Conditions**  
**Temperature:** 55.0°C

## 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 entire pellet.
  3. Aseptically transfer this aliquot back into the broth tube. Mix well.
  4. Use several drops of the suspension to inoculate a #18 agar slant and/or plate.
  5. Incubate all tubes and plate at 55°C for 24 to 48 hours. It is advisable to place plates and slants into a plastic bag to reduce drying.
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## Notes

Colonies on #18 plates are small, entire, circular, and rough.  
Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

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## 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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## Disclaimers

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confirmed to be accurate.

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Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

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