



Product Sheet

Geobacillus stearothermophilus (ATCC® 31197™)

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® 31197™)

Shipping Information

Distributed: freeze-dried

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

Description

Designation: B-781

Deposited Name: *Bacillus stearothermophilus* Donk

Propagation

Medium

ATCC® Medium 1027: Acidophilic Stearothermophilus

Growth Conditions

Temperature: 55.0°C

Propagation Procedure

PROPAGATION PROCEDURE:

1. Open vial according to enclosed instructions.
2. Using a single tube of #1027 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

Growth is best in #1027 broth rather than on agar slants or plates. This strain also grows on Nutrient Agar (Difco 0001).

Additional information on this culture including references on quality control testing 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

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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

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