ATCC

Product Sheet

Geobacillus thermoleovorans (ATCC® 43514™)

Please read this FIRST

Biosafety Level
1

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 thermoleovorans* (ATCC® 43514™)

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: BI-1
Deposited Name: *Bacillus thermoleovorans* Zarilla and Perry

Propagation

Medium
ATCC® Medium 1554: Mineral salts (L-salts) for thermophiles

Growth Conditions
Max Temperature: 60.0°C
Min Temperature: 50.0°C

Propagation Procedure
1. Open vial according to enclosed instructions.
2. Using a single tube of #1554 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. Additional broth tubes may be inoculated with 0.5ml each from the initial broth. It is advisable to establish good growth in broth before making transfers to agar.
4. Incubate tubes statically at 50-60ºC. Growth should occur in 48 to 72 hours.

Notes

This strain will grow well on Tryptic Soy Broth and Agar, but #1554 is recommended by the depositor. On #1554 plates, colonies are opaque, round, and small.

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.

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