

Bacillus megaterium, Strain Ford 19 (Gibson 1060)

The strain designation on the vial is incorrect.

Catalog No. NR-2491

(Derived from ATCC® 14581™)

Product Description: *Bacillus megaterium* is a Gram-positive, spore-forming aerobe. It is one of the largest and most common of the spore-bearing bacteria and has been found in dust, soil, milk, water, and as a lab contaminant.

Lot¹: 4874327

Manufacturing Date: 08DEC2005

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Sporulation Anaerobic growth Motility β-hemolysis Capsule (India ink staining) Tenacious Biochemical tests Nitrate Arginine dihydrolase Glycerol Salicin Glycogen Trehalose Nutrient agar with 0.7% sodium bicarbonate FAME analysis	Consistent with ATCC® 14581™ Gram-positive rod Report results Positive Negative Motile Non-hemolytic Positive Positive Report results Negative Negative Report results Report results Report results No growth Consistent with <i>Bacillus megaterium</i>	Consistent with ATCC® 14581™ Gram-positive rod Round, granular Positive Negative Motile Non-hemolytic Positive Positive Negative Negative Negative Negative Negative No growth Consistent with <i>Bacillus megaterium</i>
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 735 bp)	Consistent with <i>Bacillus megaterium</i>	Consistent with <i>Bacillus megaterium</i> ³
Viability (post-vialing)²	Growth	Growth

¹NR-2491 was produced by propagation of seed stock (BEI Resources NRS-2491) in Nutrient Broth for 24 hours at 30°C and aerobic atmosphere.

NRS-2491 was produced by propagation of ATCC® 14581™ (Lot 3749350) in Nutrient Broth for 24 hours at 30°C and aerobic atmosphere.

²24 hours at 30°C and aerobic atmosphere on Nutrient Agar.

³Also consistent with other *Bacillus* species.

Date: 02 OCT 2007

Signature: Signature on File

Title: Technical Manager, BEI Authentication or designee

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected by the contractor to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

ATCC® is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.

Biodefense and Emerging Infections Research Resources Repository

P.O. Box 4137

Manassas, VA 20108-4137 USA

www.beiresources.org

800-359-7370

Fax: 703-365-2898

E-mail: contact@beiresources.org