

Bacillus cereus, Strain Gibson 971

Catalog No. NR-606

Product Description:

Bacillus cereus (*B. cereus*) is a Gram-positive, spore-forming, facultative aerobe. This organism is a ubiquitous opportunistic pathogen that can cause food poisoning in infected individuals. NR-606 was produced by inoculation of the deposited material into Tryptic Soy broth and grown for 1 day at 30°C in an aerobic atmosphere. Broth inoculum was added to Tryptic Soy agar kolles, which were grown for 1 day at 30°C in an aerobic atmosphere to produce this lot. Quality control testing was completed under propagation conditions unless otherwise noted.

Lot: 3931419

Manufacturing Date: 17NOV2004

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| TEST | SPECIFICATIONS | RESULTS |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Phenotypic Analysis Cellular morphology Colony morphology Motility (wet mount) Hemolysis Analytical profile index (API® 50 CHB V3.0®) | Gram-positive Report results Report results Report results Report results | Gram-positive Irregular, convex, undulate, rough, opaque, dull and flat Motile Non-hemolytic Consistent with <i>Bacillus cereus</i> |
| Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 560 base pairs) | Report results | Consistent with <i>Bacillus cereus</i> group ¹ |
| Viability (post-freeze) | Report results | Growth |

¹*Bacillus cereus* group species (*B. cereus*, *B. thuringiensis*, *B. mycoides*, and *B. anthracis*) cannot be classified based on 16S sequence (Spencer, R. C. "Bacillus anthracis." *J. Clin. Pathol.* 56 (2003): 182-187. PubMed: 12610093)

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