

***Bacillus cereus*, Strain Sneath 5/B (PCI 246)**

Catalog No. NR-2493
 (Derived from ATCC® 13061™)

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.

Lot¹: 4874329

Manufacturing Date: 23NOV2005

| TEST | SPECIFICATIONS | RESULTS |
|---|---|--|
| Phenotypic Analysis Cellular morphology Colony morphology ² Sporulation Anaerobic growth Motility β-hemolysis Capsule (India ink staining) Tenacious Analytical profile index (API® 50 CHB) Biochemical tests Nitrate Glycerol Trehalose Arginine dihydrolase Glycogen Salicin Nutrient agar with 0.7% sodium bicarbonate FAME analysis | Consistent with ATCC® 13061™ Gram-positive rod Report results Positive Positive Motile Hemolytic Negative Report results Consistent with <i>B. cereus</i> Positive Positive Positive Report results Report results Report results No growth Consistent with <i>B. cereus</i> | Consistent with ATCC® 13061™ Gram-positive rod Round, granular Positive Positive Motile Hemolytic Negative Positive Consistent with <i>B. cereus</i> Positive Positive Positive Negative Positive Negative No growth Consistent with <i>B. cereus</i> |
| Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 760 bp) | Consistent with <i>B. cereus</i> group | Consistent with <i>B. cereus</i> group ³ |
| Viability (post-freeze)² | Growth | Growth |

¹NR-2493 was produced by propagation of seed stock (BEI Resources NRS-2493) in Tryptic Soy Broth (TSB) for 24 hours at 30°C and aerobic atmosphere. NRS-2493 was produced by propagation of ATCC® 13061™ (Lot 7684880) in TSB for 24 hours at 30°C and aerobic atmosphere.

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

³*B. cereus* group: *B. cereus*, *B. thuringiensis*, *B. mycooides*, and *B. anthracis*.

Date: 02 OCT 2007

Signature: Signature on File

Title: Technical Manager, BEI Authentication or designee

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