

***Acinetobacter baumannii*, Strain Naval-81**

Catalog No. NR-17786

Product Description: *Acinetobacter baumannii* (*A. baumannii*), strain Naval-81 was isolated on October 9, 2006, from human blood at the National Naval Medical Center in Bethesda, MD, USA.

Lot¹: 61598575

Manufacturing Date: 13MAR2013

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Biochemical characterization: Analytical profile index (API [®] 20NE) Catalase Oxidase Growth at 44°C on Tryptic Soy Agar ⁴	Report results Report results Consistent with <i>A. baumannii</i> Positive Negative Growth	Gram-negative rods Circular, convex, entire, mucoid and cream (Figure 1) Consistent with <i>A. baumannii</i> ³ Positive Negative Growth
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1490 base pairs)	≥ 99% identical to GenBank: AFDB02000002 (<i>A. baumannii</i> , strain Naval-81)	≥ 99% identical to GenBank: AFDB02000002 (<i>A. baumannii</i> , strain Naval-81)
Viability (post-freeze)²	Growth	Growth

¹NR-17786 was produced by inoculation of the deposited material into Tryptic Soy Broth and incubated 24 hours at 37°C in an aerobic atmosphere. Broth inoculum was added to kolles which were grown 24 hours at 37°C in an aerobic atmosphere to produce this lot.

²24 hours at 37°C in an aerobic atmosphere on Tryptic Soy Agar

³Also consistent with *Acinetobacter calcoaceticus* (*A. calcoaceticus*)

⁴Growth at 44°C differentiates *A. baumannii* from *A. calcoaceticus*, which does not grow at 44°C.

Figure 1



Date: 21 MAY 2013

Signature: 

Title: Technical Manager, BEI Authentication or designee

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