

***Acinetobacter baumannii*, Strain Naval-18**

Catalog No. NR-17785

Product Description: *Acinetobacter baumannii* (*A. baumannii*), strain Naval-18 is a human isolate collected in June 2006 from the wound of a patient at the National Naval Medical Center in Bethesda, Maryland, USA.

Lot¹: 62711010

Manufacturing Date: 20JUN2014

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Growth at 44°C ^{3,4} Motility (wet mount) Biochemical tests: VITEK [®] Mass Spectrometry (MALDI-TOF) Catalase Oxidase	Gram-negative rods Report results Growth Non-motile Consistent with <i>A. baumannii</i> Positive Negative	Gram-negative rods Circular, convex, entire, smooth and cream (Figure 1) Growth Non-motile Consistent with <i>A. baumannii</i> complex ⁵ Positive Negative
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1470 base pairs)	Consistent with <i>A. baumannii</i>	Consistent with <i>A. baumannii</i> ⁶
Purity (post-freeze)⁷	Growth consistent with <i>A. baumannii</i>	Growth consistent with <i>A. baumannii</i>
Viability (post-freeze)²	Growth	Growth

¹NR-17785 was produced by inoculation of the deposited material into Nutrient broth and incubated 23 hours at 37°C in an aerobic atmosphere. Broth inoculum was added to Nutrient agar kolles which were grown 23 hours under propagation conditions to produce this lot.

²20 hours on Tryptic Soy agar under propagation conditions

³24 hours at 44°C in an aerobic atmosphere on Tryptic Soy agar

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

⁵*A. baumannii* complex species include *A. baumannii*, *A. calcoaceticus*, *A. pittii* and *A. nosocomialis*.

⁶100% identical to *A. baumannii*, strain Naval-18 (GenBank: AFDA02000002.1)

⁷Purity of this lot was assessed for 7 days on Tryptic Soy agar under propagation conditions.

Figure 1



Date: 10 NOV 2014

Signature:

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 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.

