

# Certificate of Analysis for NR-17777

## Acinetobacter baumannii, Strain 3-137 (OIFC137)

Catalog No. NR-17777

**Product Description:** *Acinetobacter baumannii* (*A. baumannii*), strain 3-137 (also referred to as strain OIFC137) was isolated in May 2003 from a catheter tip of a human subject at Walter Reed Army Medical Center, Washington, D.C., USA.

Lot<sup>1</sup>: 61589049

Manufacturing Date: 20MAR2013

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphologies (Figure 1) <sup>2,3</sup>  Biochemical characterization: Analytical profile index (API® 20NE) Catalase Oxidase Growth at 44°C on Nutrient Agar <sup>5</sup>	Report results Report results  Consistent with <i>A. baumannii</i> Positive Negative Growth	Gram-negative coccobacilli Colony type 1: Circular, convex, entire, smooth, mucoid and cream Colony type 2: Circular, flat, undulate, smooth and cream  Consistent with <i>A. baumannii</i> <sup>4</sup> Positive Negative Growth
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1490 base pairs)	≥ 99% identical to GenBank: AFDK01000002 ( <i>A. baumannii</i> , strain OIFC137)	≥ 99% identical to GenBank: AFDK01000002 ( <i>A. baumannii</i> , strain OIFC137)
<b>Viability (post-freeze)<sup>2</sup></b>	Growth	Growth

<sup>1</sup>NR-17777 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 Nutrient Agar kolles which were grown 24 hours at 37°C in an aerobic atmosphere to produce this lot.

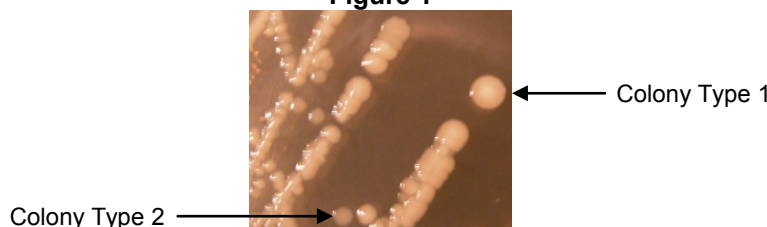
<sup>2</sup>24 hours at 37°C in an aerobic atmosphere on Nutrient Agar

<sup>3</sup>Two colony types were observed. Plating of the individual colony types showed that they did not revert to the mixed colony type. The 16S gene of each colony type was sequenced and found to be consistent with *A. baumannii*.

<sup>4</sup>Also consistent with *Acinetobacter calcoaceticus* (*A. calcoaceticus*)

<sup>5</sup>Growth 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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