

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.

Lot¹: 70005949

Manufacturing Date: 07JUN2017

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphologies (Figure 1) ^{2,3} Motility Growth at 44°C ± 2°C ^{4,5} VITEK® Mass Spectrometry (MALDI-TOF)	Report results Report results Report results Growth <i>A. baumannii</i>	Gram-negative coccobacilli Colony type 1: Circular, convex, entire, smooth and cream Colony type 2: Circular, flat, undulate, smooth and cream Non-motile Growth <i>A. baumannii</i> complex (99.9%) ⁶
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 730 base pairs)	≥ 99% sequence identity to <i>A. baumannii</i> , strain OIFC137 (GenBank: AFDK01000002.1)	100% sequence identity to <i>A. baumannii</i> , strain OIFC137 (GenBank: AFDK01000002.1)
Purity (post-freeze)⁷	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
Viability (post-freeze)²	Growth	Growth

¹NR-17777 lot 70005949 was produced by inoculation of BEI Resources NRS-17777 lot 61589046 into Tryptic Soy broth and incubated 1 day at 37°C in an aerobic atmosphere. Broth inoculum was added to Nutrient agar kolles, which were grown 1 day at 37°C in an aerobic atmosphere to produce this lot.

²1 day at 37°C in an aerobic atmosphere on Nutrient agar

³Two colony types were observed and are consistent with the colony types observed in the previous lot. Plating of the individual colony types showed that they did not revert to the mixed colony type. The 16S ribosomal RNA gene of each colony type was sequenced and found to have 100% sequence identity to the other colony type and to *A. baumannii*, strain OIFC137 (GenBank: AFDK01000002.1).

⁴1 day on Tryptic Soy agar with 5% defibrinated sheep blood at 44°C ± 2°C in an aerobic atmosphere

⁵Growth at 44°C ± 2°C differentiates *A. baumannii* from *A. calcoaceticus*, which does not grow at 44°C ± 2°C.

⁶*A. baumannii* complex species include *A. baumannii*, *A. calcoaceticus*, *A. pittii* and *A. nosocomialis*.

⁷Purity of this lot was assessed for 7 days on Nutrient agar at 37°C in an aerobic atmosphere with 5% CO₂.

Figure 1: Colony Morphology



Certificate of Analysis for NR-17777**Date:** 15 AUG 2017**Signature:**

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