

**Acinetobacter baumannii, Strain WC-136**

**Catalog No. NR-19298**

**Product Description:** *Acinetobacter baumannii* (*A. baumannii*), strain WC-136 was isolated in January 2008 from a health care equipment surface at Camp Delta in Iraq.

**Lot<sup>1</sup>: 70003574**

**Manufacturing Date: 09MAR2017**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology <sup>2</sup>  Growth at 45°C <sup>3,4</sup> Motility (wet mount) Biochemical characterization: Catalase Oxidase VITEK® Mass Spectrometry (MALDI-TOF)	Report results Report results  Growth Report results  Positive Negative <i>A. baumannii</i>	Gram-negative rods Circular, convex, entire, smooth and gray (Figure 1) Growth Non-motile  Positive Negative <i>A. baumannii</i> complex (99.9%) <sup>5</sup>
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 900 base pairs)	≥ 99% sequence identity to <i>A. baumannii</i> , strain WIC-36 (GenBank: AMST01000008.1)	100% sequence identity to <i>A. baumannii</i> , strain WIC-36 (GenBank: AMST01000008.1)
<b>Purity (post-freeze)<sup>6</sup></b>	Consistent with expected colony morphology	Consistent with expected colony morphology
<b>Viability (post-freeze)<sup>2</sup></b>	Growth	Growth

<sup>1</sup> NR-19298 lot 70003574 of was produced by inoculation of NRS-19298 (Lot: 62575096) into Tryptic Soy broth and incubated 1 day at 37°C in an aerobic atmosphere. Broth inoculum was added to Tryptic Soy agar with 5% defibrinated sheep blood kolles which were grown 1 day at 37°C in an aerobic atmosphere to produce this lot.

<sup>2</sup>1 day at 37°C in an aerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood

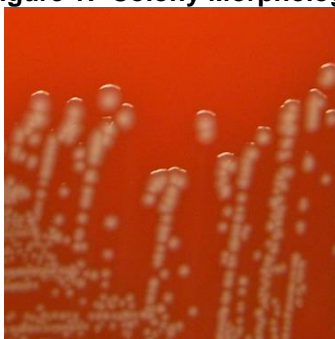
<sup>3</sup>1 day at 45°C in an aerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood

<sup>4</sup>Growth at 44°C ± 2°C differentiates *A. baumannii* from *A. calcoaceticus* and *A. pittii*, which do not grow at 44°C ± 2°C.

<sup>5</sup>*A. baumannii* complex species include *A. baumannii*, *A. calcoaceticus*, *A. pittii* and *A. nosocomialis*.

<sup>6</sup>Purity of this lot was assessed for 7 days at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub> on Tryptic Soy agar.

**Figure 1: Colony Morphology**



**Date:** 12 JUN 2017

**Signature:**



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