

***Acinetobacter baumannii*, Strain 5-032 (OIFC032)**

Catalog No. NR-17778

Product Description: *Acinetobacter baumannii* (*A. baumannii*), strain 5-032 (OIFC032) is a human isolate collected in 2003 from the wound of a patient in Germany.

Lot¹: 62711003

Manufacturing Date: 27JUN2014

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 (~ 1440 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-17778 was produced by inoculation of the deposited material into Tryptic Soy broth and incubated 20 hours at 37°C in an aerobic atmosphere.

Broth inoculum was added to Tryptic Soy agar kolles which were grown 1 day under propagation conditions to produce this lot.

²1 day on Tryptic Soy agar under propagation conditions

³1 day 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 5-032 (OIFC032) (GenBank: AFCZ02000002.1)

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

Figure 1: Colony Morphology



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