

***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: 70016194

Manufacturing Date: 11JUL2018

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Growth at 44°C ± 2°C ^{3,4} Motility (wet mount) VITEK [®] MS (MALDI-TOF)	Gram-negative rods Report results Growth Report results <i>A. baumannii</i> complex	Gram-negative rods Circular, convex, entire, smooth, opaque and cream (Figure 1) Growth Non-motile <i>A. baumannii</i> complex (99.9%) ⁵
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1480 base pairs)	≥ 99% sequence identity to <i>A. baumannii</i> , strain 5-032 (OIFC032) (GenBank: AFCZ02000002.1)	100% sequence identity to <i>A. baumannii</i> , strain 5-032 (OIFC032) (GenBank: AFCZ02000002.1)
Purity (post-freeze)^{6,7}	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
Viability (post-freeze)²	Growth	Growth

¹NR-17778 was produced by inoculation of BEI Resources NRS-17778 lot 62711021 into Tryptic Soy broth and incubated for 1 day at 37°C in an aerobic atmosphere. Broth inoculum was added to Tryptic Soy agar kolles, which were grown for 1 day at 37°C in an aerobic atmosphere to produce this lot.

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

³1 day at 44°C ± 2°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*.

⁶Purity of this lot was assessed for 7 days at 37°C in an aerobic atmosphere with 5% CO₂ on Tryptic Soy agar with 5% defibrinated sheep blood

⁷Purity of this lot was assessed for 7 days at 37°C in an aerobic atmosphere on Tryptic Soy agar

Figure 1: Colony Morphology



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07 NOV 2018

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