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SUPPORTING INFECTIOUS DISEASE RESEARCH

## Acinetobacter baumannii, Strain 5-189 (OIFC189)

## Catalog No. NR-17782

Product Description: Acinetobacter baumannii (A. baumannii), strain 5-189 (OIFC189) is a human isolate. Note: The strain designation on the vial label for lot 62711007 is incorrect. The correct strain designation is 5-189 (OIFC189).

## Lot<sup>1</sup>: 62711007

## Manufacturing Date: 02JUL2014

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology	Gram-negative rods	Gram-negative rods
Colony morphology <sup>2</sup>	Report results	Circular, convex, entire, smooth and cream (Figure 1)
Growth at 44°C <sup>3,4</sup>	Growth	Growth
Motility (wet mount)	Non-motile	Non-motile
Biochemical tests:		
VITEK <sup>®</sup> Mass Spectrometry (MALDI-TOF)	Consistent with A. baumannii	Consistent with <i>A. baumannii</i> complex <sup>5</sup>
Catalase	Positive	Positive
Oxidase	Negative	Negative
Genotypic Analysis		
Sequencing of 16S ribosomal RNA gene (~ 1440 base pairs)	Consistent with A. baumannii	Consistent with <i>A. baumannii</i> <sup>6</sup>
Purity (post-freeze) <sup>7</sup>	Growth consistent with A. baumannii	Growth consistent with A. baumannii
Viability (post-freeze) <sup>2</sup>	Growth	Growth

<sup>1</sup>NR-17782 was produced by inoculation of the deposited material into Tryptic Soy broth and incubated 22 hours at 37°C in an aerobic atmosphere. Broth inoculum was added to Tryptic Soy agar with 5% defibrinated sheep blood kolles which were grown 26 hours under propagation conditions to produce this lot.

<sup>2</sup>20 hours on Tryptic Soy agar under propagation conditions

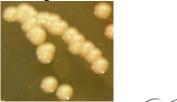
<sup>3</sup>24 hours at 44°C in an aerobic atmosphere on Tryptic Soy agar <sup>4</sup>Growth at 44°C differentiates *A. baumannii* from *A. calcoaceticus and A. pittii*, which do not grow at 44°C.

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

<sup>6</sup>100% identical to A. baumannii, strain 5-189 (OIFC189) (GenBank: AFDM01000009.1)

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

Figure 1



Date: 11 NOV 2014

Technical Manager,	<b>BEI</b> Authentication	or designee

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