

Actinomyces graevenitzii, Strain C83

Catalog No. HM-236

Product Description: *Actinomyces graevenitzii* (*A. graevenitzii*), strain C83 was isolated from expectorated sputum from a 31-year-old male patient with cystic fibrosis in February 2006.

Lot^{1,2}: 60685357

Manufacturing Date: 09FEB2012

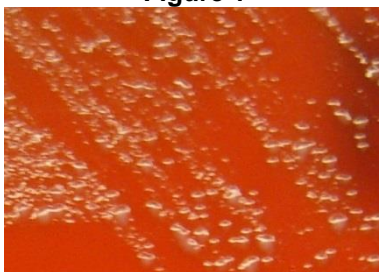
TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³	Report results Report results	Gram-positive rod Circular, entire, convex and white (Figure 1)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (1410 base pairs)	≥ 99% identical to GenBank: ACRN01000020 (<i>A. graevenitzii</i> , strain C83)	≥ 99% identical to GenBank: ACRN01000020 (<i>A. graevenitzii</i> , strain C83)
Viability (post-freeze)³	Growth	Growth

¹Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

²*A. graevenitzii*, strain C83 was deposited by Professor Michael G. Surette, Department of Microbiology and Infectious Diseases, University of Calgary, Alberta, Canada. The deposited material was inoculated into Actinomyces Broth ([ATCC medium 7](#)) and incubated for 48 hours at 37°C in an aerobic atmosphere with 5% CO₂. The material from the initial growth was passaged once in Actinomyces Broth for 24 hours at 37°C in an aerobic atmosphere with 5% CO₂ to produce this lot.

³48 hours at 37°C in an aerobic atmosphere with 5% CO₂ on Tryptic Soy Agar with 5% defibrinated sheep blood

Figure 1



Date: 28 MAY 2012

Signature:

Title: Technical Manager, BEI Authentication or designee

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