

Corynebacterium sp., Strain HFH0082

Catalog No. HM-784

Product Description: *Corynebacterium* sp., strain HFH0082 was isolated from human feces.

Lot^{1,2}: 63087139

Manufacturing Date: 19NOV2014

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³ Motility (wet-mount)	Gram-positive rods Report results Report results	Gram-positive rods Circular, convex, entire, smooth and white (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 670 base pairs)	≥ 99% identical to GenBank: AGEM01000013 (<i>Corynebacterium</i> sp., strain HFH0082)	≥ 99% identical to GenBank: AGEM01000013 (<i>Corynebacterium</i> sp., strain HFH0082)
Purity (post-freeze)⁴	Growth consistent with <i>Corynebacterium</i> sp.	Growth consistent with <i>Corynebacterium</i> sp.
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*Corynebacterium* sp., strain HFH0082 was deposited by Thomas M. Schmidt, Professor, Department of Microbiology and Molecular Genetics, Michigan State University, East Lansing, Michigan, USA. The deposited material was inoculated into Brain Heart Infusion broth and incubated for 24 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 24 hours at 37°C in an aerobic atmosphere to produce this lot.

³24 hours on Tryptic Soy agar with 5% defibrinated sheep blood at 37°C in an aerobic atmosphere

⁴Purity of this lot was assessed for 7 days on Tryptic Soy agar with 5% defibrinated sheep blood at 37°C in an aerobic atmosphere.

Figure 1



Date: 13 JAN 2015

Signature:

Title: Technical Manager, BEI Authentication or designee

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