

Corynebacterium sp., Strain HFH0082**Catalog No. HM-784****Product Description:**

Corynebacterium sp., strain HFH0082 was isolated from human feces. HM-784 lot 70052114 was produced by inoculation of BEI Resources seed lot 63087140 into Brain Heart Infusion broth and incubated for 1 day at 37°C in an aerobic atmosphere. Broth inoculum was added to Tryptic Soy agar with 5% defibrinated sheep blood kolles, which were grown for 1 day at 37°C in an aerobic atmosphere with 5% CO₂ to produce this lot. Quality control testing was completed under propagation conditions unless otherwise noted.

Note: Quality 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.

Lot: 70052114**Manufacturing Date: 20APR2022**

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Motility (wet mount)	Gram-positive rods Report results Report results	Gram-positive rods Circular, convex, entire, smooth and white Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1460 base pairs)	≥ 99% sequence identity to <i>Corynebacterium</i> sp., Strain HFH0082 (GenBank AGEM01000001.1)	100% sequence identity to <i>Corynebacterium</i> sp., Strain HFH0082 (GenBank: AGEM01000001.1)
Purity (post-freeze) 6 days at 37°C in an aerobic atmosphere with and without 5% CO ₂ on Tryptic Soy agar with 5% defibrinated sheep blood	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
Viability (post-freeze)	Growth	Growth

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Lead Technical Writer or designee, ATCC Federal Solutions

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