

***Corynebacterium striatum*, Strain FS-1**

Catalog No. NR-13441

Product Description:

Corynebacterium striatum (*C. striatum*), strain F-S1 is a clinical isolate from Italy that was isolated between 2005 and 2007. NR-13441 lot 70049057 was produced by inoculation of the BEI Resources seed lot 59561644 into Tryptic Soy broth and grown 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 to produce this lot. Quality control testing was completed under propagation conditions unless otherwise noted.

Lot: 70049057

Manufacturing Date: 19JAN2022

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Motility (wet mount) VITEK® MS (MALDI-TOF)	Gram-positive rods Report results Non-motile <i>C. striatum</i>	Gram-positive rods Circular, convex, entire, opaque and gray (Figure 1) Non-motile <i>C. striatum</i> (99.9%)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1450 base pairs)	≥ 99% sequence identity to <i>C. striatum</i> , ATCC 6940 (GenBank: ACGE00000000.1)	99.9% sequence identity to <i>C. striatum</i> , ATCC 6940 (GenBank: ACGE00000000.1) ¹
Purity (post-freeze) 8 days at 37°C in an aerobic atmosphere with and without 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

¹Also consistent with other *Corynebacterium* species

Figure 1: Colony Morphology



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