

Actinomyces sp., Oral Taxon 849, Strain F0330

Catalog No. HM-148

Product Description: *Actinomyces* sp., Oral Taxon 849, strain F0330 was isolated from a human oral cavity.

Lot^{1,2}: 63585564

Manufacturing Date: 29JUL2015

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³ Motility (wet mount)	Gram-positive rod Report results Report results	Gram-positive rod Circular, low convex, entire, smooth and cream (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1440 base pairs)	≥ 99% identical to GenBank ACTB01000202 (<i>Actinomyces</i> sp. Oral Taxon 849, strain F0330)	≥ 99% identical to GenBank ACTB01000202 (<i>Actinomyces</i> sp. Oral Taxon 849, strain F0330)
Purity (post-freeze) Anaerobic growth ⁴ Aerobic growth ⁵	Growth consistent with <i>Actinomyces</i> sp. Growth consistent with <i>Actinomyces</i> sp.	Growth consistent with <i>Actinomyces</i> sp. Growth consistent with <i>Actinomyces</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.

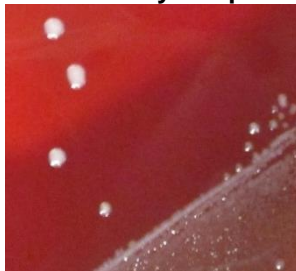
²*Actinomyces* sp., Oral Taxon 849, strain F0330 was deposited by Jacques Izard, Department of Molecular Genetics, The Forsyth Institute, Boston, Massachusetts. The deposited material was inoculated into *Actinomyces* broth and incubated for 7 days at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™). Broth inoculum was added to Tryptic Soy agar with 5% defibrinated sheep blood kolles for 7 days at 37°C in an anaerobic atmosphere to produce this lot.

³3 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood

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

⁵Purity of this lot was assessed for 7 days on Tryptic Soy agar with 5% defibrinated sheep blood at 37°C in an aerobic atmosphere with 5% CO₂.

Figure 1: Colony Morphology



Date: 11 SEP 2015

Signature:

BEI Resources Authentication

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