

Aggregatibacter aphrophilus, Oral Taxon 545, Strain F0387

Catalog No. HM-206

Product Description:

Aggregatibacter aphrophilus (*A. aphrophilus*), Oral Taxon 545, strain F0387 was isolated in 1984 from the subgingival dental plaque, at a healthy site, of a 24-year-old female patient in the United States. HM-206 was produced by inoculation of BEI Resources seed lot 62072051 into Haemophilus Test medium and incubated for 1 day at 37°C in an aerobic atmosphere with 5% CO₂. Broth inoculum was added to Chocolate agar 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: 70060190

Manufacturing Date: 20APR2023

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Motility (wet mount)	Gram-negative rods Report results Report results	Gram-negative rods Circular, low convex, entire, smooth, opaque and cream (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1470 base pairs)	≥ 99% sequence identity to <i>A. aphrophilus</i> , Oral Taxon 545, strain F0387 (GenBank: ACZJ01000020.1)	99.5% sequence identity to <i>A. aphrophilus</i> , Oral Taxon 545, strain F0387 (GenBank: ACZJ01000020.1)
Purity (post-freeze) 7 days at 37°C in an aerobic atmosphere with 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

Figure 1: Colony Morphology



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Technical Manager or designee, ATCC Federal Solutions

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