

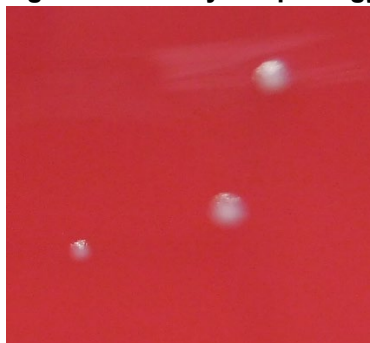
Leptotrichia sp., Oral Taxon 879, Strain F0557
Catalog No. HM-1067
Product Description:

Leptotrichia sp., oral taxon 879, strain F0557 *Leptotrichia* sp., oral taxon 879, strain F0557 is a human oral isolate collected in Boston, Massachusetts, USA. HM-1067 was produced by inoculation of the deposited material into Brain Heart Infusion broth and grown for 3 days at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™). The material from the initial growth was passaged once in Brain Heart Infusion broth for 2 days at 37°C in an anaerobic atmosphere 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: 70074991
Manufacturing Date: 09APR2025

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Motility (wet mount)	Gram-negative rods Report results Report results	Gram-negative rods Circular, convex, undulate, opaque and gray (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 840 base pairs)	≥ 99% sequence identity to <i>Leptotrichia</i> sp., Oral Taxon 879, Strain F0557 (GenBank: AWWL01000064.1)	100% sequence identity to <i>Leptotrichia</i> sp., Oral Taxon 879, Strain F0557 (GenBank: AWWL01000064.1)
Purity (post-freeze) Anaerobic 7 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood Aerobic with 5% CO ₂ 7 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood	Growth consistent with expected colony morphology Growth consistent with expected colony morphology or no growth	Growth consistent with expected colony morphology Growth consistent with expected colony morphology
Viability (post-freeze)	Growth	Growth

Figure 1: Colony Morphology


/Sonia Bjorum Brower/

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29 MAY 2025

Technical Manager or designee, ATCC Federal Solutions

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