Certificate of Analysis for HM-1030

Oscillibacter sp., Strain KLE-1728

Catalog No. HM-1030

Product Description:

Oscillibacter sp., strain KLE-1728 was isolated from a human fecal sample. HM-1030 lot 70050458 was produced by the inoculation of BEI Resources seed lot 64447383 into Modified Reinforced Clostridial broth and incubated for 3 days at 37°C in an anaerobic atmosphere (< 5% O_2; Remel™ Pack-Anaero™). The material from the initial growth was passaged once in Modified Reinforced Clostridial broth for 3 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: 70050458 **Manufacturing Date: 28FEB2022**

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology 7 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood	Gram-negative rods	Gram-negative rods
Colony morphology 7 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood	Report results	Circular, low convex, entire, translucent and gray
Motility (wet mount)	Report results	Motile
Genotypic Analysis		
Sequencing of 16S ribosomal RNA gene (~ 990 base pairs)	≥ 99% sequence identity to *Oscillibacter* sp., strain KLE-1728 (GenBank: AWVN01000059.1)	99.9% sequence identity to *Oscillibacter* sp., strain KLE-1728 (GenBank: AWVN01000059.1)
Purity (post-freeze)		
Anaerobic 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
Aerobic with 5% CO_2 7 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood	No growth	No growth
Viability (post-freeze) 7 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood	Growth	Growth

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Certificate of Analysis for HM-1030

/Sonia Bjorum Brower/
Sonia Bjorum Brower 06 JUN 2022
Lead Technical Writer or designee, ATCC Federal Solutions

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

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