b|e|i RESOURCES

SUPPORTING INFECTIOUS DISEASE RESEARCH

Certificate of Analysis for HM-646

Lactobacillus jensenii, Strain 208-1

Catalog No. HM-646

Product Description:

Lactobacillus jensenii (L. jensenii), strain 208-1 was isolated in 2007 from human vaginal mucosa. HM-646 was produced by inoculation of BEI Resources seed lot 60058746 into Lactobacilli MRS broth and grown for 1 day at 37°C in an anaerobic atmosphere (< 5% O2; Remel™ Pack-Anaero™). The material from initial growth was passaged once to Lactobacilli MRS broth for 1 day at 37°C in an anaerobic atmosphere to produce this lot.

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: 70073397 **Manufacturing Date: 15JAN2025**

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TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology 1 day at 37°C in an anaerobic atmosphere on Lactobacilli MRS agar	Gram-positive rods	Gram-positive rods
Colony morphology 1 day at 37°C in an anaerobic atmosphere on Lactobacilli MRS agar	Report results	Circular, low convex, entire, smooth and cream (Figure 1)
Motility (wet mount)	Non-motile	Non-motile
Genotypic Analysis		
Sequencing of 16S ribosomal RNA gene (~ 1240 base pairs)	≥ 99% sequence identity to *L. jensenii*, strain 208-1 (GenBank: ADEX01000013.1)	100% sequence identity to *L. jensenii*, strain 208-1 (GenBank: ADEX01000013.1)[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	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
Viability (post-freeze) 1 day at 37°C in an anaerobic atmosphere on Lactobacilli MRS agar	Growth	Growth

[1]Also consistent with other *Lactobacilli* species.

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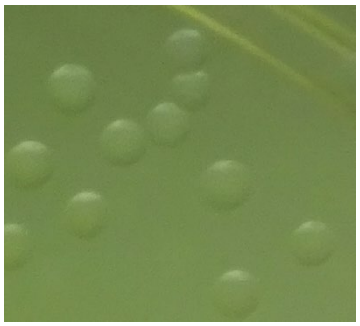
Figure 1: Colony Morphology



/Sonia Bjorum Brower/
Sonia Bjorum Brower 09 JUL 2025
Technical Manager or designee, ATCC Federal Solutions

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