

***Lactobacillus johnsonii* Strain 135-1-CHN**

Catalog No. HM-643

Product Description:

Lactobacillus johnsonii strain 135-1-CHN was isolated in 2007 from the vaginal mucosa of a healthy Chinese woman. HM-643 was produced by inoculation of BEI Resources seed lot 59905642 into *Lactobacillus* MRS broth and grown for 1 day at 37°C in an aerobic atmosphere with 5% CO₂. Broth inoculum was added to *Lactobacillus* MRS 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: 70063495

Manufacturing Date: 15SEP2023

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Motility (wet mount)	Gram-positive rods Report results Report results	Gram-positive rods Circular, low convex, undulate, translucent, rough and cream Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1480 base pairs)	≥ 99% sequence identity to <i>L. johnsonii</i> type strain (GenBank: ACGR01000047.1)	99.9% sequence identity to <i>L. johnsonii</i> type strain (GenBank: ACGR01000047.1) 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

¹Also consistent with other *Lactobacillus* species

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