

Lactobacillus johnsonii*, Strain 135-1-CHN*Catalog No. HM-643****Product Description:** *Lactobacillus johnsonii* (*L. johnsonii*), strain 135-1-CHN was isolated in 2007 from the vaginal mucosa of a Chinese woman.**Lot^{1,2}: 59884461****Manufacturing Date: 20APR2011**

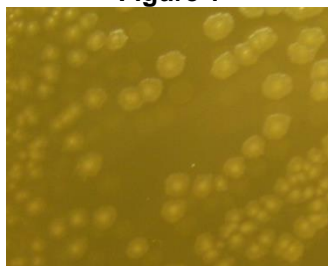
TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³	Gram-positive rod Report results	Gram-positive rod Irregular, umbonate, undulate and translucent (Figure 1)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1430 base pairs)	≥ 99% identical to depositor's sequence Consistent with <i>L. johnsonii</i>	Pending Consistent with <i>L. johnsonii</i> ⁴
Viability (post-freeze) ³	Growth	Growth

¹Quality 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.

²*L. johnsonii*, strain 135-1-CHN was deposited by Yang Liu, Ph.D., Senior Scientist & Group Leader, Osel Inc., Santa Clara, California. The deposited material was inoculated into Lactobacilli MRS Broth (BD 288130) and incubated for 48 hours at 37°C in an aerobic atmosphere with 5% CO₂. The initial growth was passaged once in Lactobacilli MRS Broth for 24 hours at 37°C in an aerobic atmosphere with 5% CO₂ to produce this lot.

³48 hours at 37°C in an aerobic atmosphere with 5% CO₂ on Lactobacilli MRS Agar

⁴Also consistent with other *Lactobacillus* species

Figure 1**Date:** 23 SEP 2011**Signature:****Title:**

Technical Manager, BEI Authentication or designee

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