

**Lactobacillus gasseri, Strain SJ-9E-US**

**Catalog No. HM-641**

**Product Description:**

*Lactobacillus gasseri* (*L. gasseri*), strain SJ-9E-US was isolated in 2007 from the vaginal mucosa of a healthy woman in the USA. HM-641 was produced by the inoculation of BEI Resources seed lot 59905640 into Lactobacilli MRS broth and incubated for 1 day at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub>. The material from the initial growth was passaged once in Lactobacilli MRS agar for 1 day at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub> 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: 70040710**

**Manufacturing Date: 04DEC2020**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology 1 day at 37°C in an aerobic atmosphere with 5% CO <sub>2</sub> on Lactobacilli MRS agar Motility (wet mount)	Gram-positive rods Report results  Report results	Gram-positive rods Circular, low convex, entire, translucent and cream (Figure 1)  Non-motile
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1500 base pairs)	≥ 99% sequence identity to <i>L. gasseri</i> , strain SJ-9E-US (GenBank: ADDU01000006)	100% sequence identity to <i>L. gasseri</i> , strain SJ-9E-US (GenBank: ADDU01000006)
<b>Purity (post-freeze)</b> Purity of this lot was assessed for 8 days at 37°C in an aerobic atmosphere with 5% CO <sub>2</sub> on Tryptic Soy agar with 5% defibrinated sheep blood	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
<b>Viability (post-freeze)</b> 1 day at 37°C in an aerobic atmosphere with 5% CO <sub>2</sub> on Lactobacilli MRS agar	Growth	Growth

**Figure 1: Colony Morphology**



/Heather Couch/

Heather Couch

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Program Manager or designee, ATCC Federal Solutions

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