

***Lactobacillus crispatus*, Strain PSS7772C**

**Catalog No. HM-1277**

**Product Description:** *Lactobacillus crispatus* (*L. crispatus*), strain PSS7772C was isolated in 2014 from urine of a pregnant woman in St. Louis, Missouri, USA.

**Lot<sup>1,2</sup>: 70006654**

**Manufacturing Date: 07JUL2017**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology <sup>3</sup>  Motility (wet mount) VITEK <sup>®</sup> MS (MALDI-TOF)	Gram-positive rods Report results  Report results <i>L. crispatus</i>	Gram-positive rods Irregular, convex, entire, smooth and cream (Figure 1) Non-motile <i>L. crispatus</i> (99.9%)
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 750 base pairs)	≥ 99% sequence identity to <i>L. crispatus</i> , strain PSS7772C (GenBank: LSQY01000049.1)	100% sequence identity to <i>L. crispatus</i> , strain PSS7772C (GenBank: LSQY01000049.1)
<b>Purity (post-freeze)<sup>4</sup></b>	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
<b>Viability (post-freeze)<sup>3</sup></b>	Growth	Growth

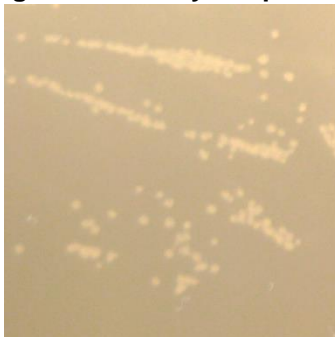
<sup>1</sup>Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

<sup>2</sup>*L. crispatus*, strain PSS7772C was deposited by Amanda Lewis, Ph.D, Assistant Professor, Department of Molecular Microbiology, Washington University School of Medicine, St. Louis, Missouri, USA. HM-1277 was produced by inoculation of the deposited material into Lactobacilli MRS broth and incubated for 2 days 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 broth for 2 days at 37°C in an aerobic atmosphere to produce this lot.

<sup>3</sup>2 days at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub> on Lactobacilli MRS agar

<sup>4</sup>Purity of this lot was assessed for 7 days at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub> on Tryptic Soy agar with 5% defibrinated sheep blood.

**Figure 1: Colony Morphology**



**Date:** 22 NOV 2017

**Signature:**

BEI Resources Authentication

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