

***Lentilactobacillus parafarraginis*, Strain F0439**

**Catalog No. HM-478**

**Product Description:**

*Lentilactobacillus parafarraginis* (*L. parafarraginis*), strain F0439 was isolated from a human oral cavity. Previously referred to as *Lactobacillus parafarraginis*, this genus has been reclassified and the genus designation on the vial label refers to the old nomenclature. HM-478 was produced by inoculation of BEI Resources seed lot 59852323 into Lactobacilli MRS broth and incubated for 3 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 3 days 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: 70055541**

**Manufacturing Date: 24OCT2022**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology 3 days 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, convex, undulate, smooth and cream  Non-motile
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1530 base pairs)	≥ 99% sequence identity to <i>L. parafarraginis</i> strain F0439 (GenBank: HM596288.1)	99.7% sequence identity to <i>L. parafarraginis</i> strain F0439 (GenBank: HM596288.1) <sup>1</sup>
<b>Purity (post-freeze)</b> 7 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> 3 days at 37°C in an aerobic atmosphere with 5% CO <sub>2</sub> on Lactobacilli MRS agar	Growth	Growth

<sup>1</sup>Consistent with other *Lentilactobacillus* and *Lactobacillus* species

/Sonia Bjorum Brower/

**Sonia Bjorum Brower**

27 FEB 2023

Technical Manager or designee, ATCC Federal Solutions

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

ATCC® is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.

