

***Lachnospiraceae* sp., Strain 7\_1\_58FAA**

**Catalog No. HM-153**

**Product Description:** *Lachnospiraceae* sp., strain 7\_1\_58FAA was obtained from inflamed biopsy tissue taken from the ascending colon of a 39-year-old female patient with ulcerative colitis.

**Lot<sup>1,2</sup>: 61119717**

**Manufacturing Date: 08AUG2012**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology <sup>3</sup> Colony morphology <sup>4</sup>	Report results Report results	Gram-negative rod Circular, convex, entire and translucent (Figure 1)
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1480 base pairs)	≥ 99% identical to GenBank: ACTW01000157 ( <i>Lachnospiraceae</i> sp., strain 7_1_58FAA)	≥ 99% identical to GenBank: ACTW01000157 ( <i>Lachnospiraceae</i> sp., strain 7_1_58FAA)
<b>Viability (post-freeze)<sup>4</sup></b>	Growth	Growth

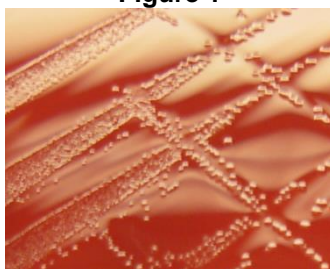
<sup>1</sup>Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

<sup>2</sup>*L. bacterium*, strain 7\_1\_58FAA was deposited by Professor Emma Allen-Vercoe, Department of Molecular and Cellular Biology, University of Guelph, Guelph, Ontario, Canada. The deposited material was inoculated into Trypticase-Yeast Extract broth and incubated for 72 hours at 37°C and anaerobic atmosphere (80% N<sub>2</sub>:10% CO<sub>2</sub>:10% H<sub>2</sub>). The material from the initial growth was passaged once in broth for 48 hours at 37°C and anaerobic atmosphere to produce this lot.

<sup>3</sup>*Lachnospiraceae* species have a Gram-positive cell wall but several stain Gram-variable or Gram-negative; see Rainey, F. A. "Family V. *Lachnospiraceae* fam. nov." In *Bergey's Manual of Systematic Bacteriology, Volume 3*, 2<sup>nd</sup> Ed. New York: Springer, 2009, p. 921.

<sup>4</sup>48 hours at 37°C and anaerobic atmosphere on Tryptic Soy Agar with 5% defibrinated sheep blood

**Figure 1**



**Date:** 05 NOV 2012

**Signature:**

**Title:**

Technical Manager, BEI Authentication or designee

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