

Escherichia coli, Strain MS 119-7

Catalog No. HM-339

Product Description:

Escherichia coli (*E. coli*), strain MS 119-7 was isolated in April 2002 from the rectum of a patient with Crohn's proctocolitis in New York City, New York, USA. HM-339 was produced by inoculation of BEI Resources seed lot 61320664 into Tryptic Soy broth and grown for 1 day at 37°C in an aerobic atmosphere. Broth inoculum was added to Tryptic Soy agar kolles, which were grown for 1 day at 37°C in an aerobic atmosphere to produce this lot. Quality control testing was completed under propagation conditions unless otherwise noted.

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: 70083749

Manufacturing Date: 05JUN2026

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Motility (wet mount)	Gram-negative rods Report results Report results	Gram-negative rods Circular, convex, entire, smooth and cream (Figure 1) Motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1470 base pairs)	≥ 99% sequence identity to <i>E. coli</i> , strain MS 119-7 (GenBank: ADWU01000043.1)	99.9% sequence identity to <i>E. coli</i> , strain MS 119-7 (GenBank: ADWU01000043.1)
Purity (post-freeze) 7 days at 37°C in an aerobic atmosphere with and without 5% CO ₂ on Tryptic Soy agar	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
Viability (post-freeze)	Growth	Growth

Figure 1: Colony Morphology



/Sonia Bjorum Brower/

Sonia Bjorum Brower

22 JUL 2026

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.

