

**Listeria monocytogenes, Strain FSL J1-194**

**Catalog No. NR-13229**

**Product Description:** *Listeria monocytogenes* (*L. monocytogenes*), strain FSL J1-194, was isolated from a sporadic human listeriosis case and has a ribotype of DUP-1042B.

**Lot<sup>1</sup>: 58580363**

**Manufacturing Date: 16APR2009**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology <sup>2</sup>  Growth at 4°C <sup>3</sup> Motility at 26°C Motility at 37°C Biochemical characterization: Analytical profile index (API® <i>Listeria</i> ) β-hemolysis <sup>4</sup> Catalase activity	Gram-positive rod Report results  Growth Positive Positive  Consistent with <i>L. monocytogenes</i> Positive Positive	Gram-positive rod Circular, low convex, entire, gray-white and opaque (Figure 1) Growth Positive Positive  Consistent with <i>L. monocytogenes</i> Positive Positive
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1420 bp) RiboPrinter Microbial Characterization System	Consistent with <i>L. monocytogenes</i>  Consistent with <i>L. monocytogenes</i>	Consistent with <i>L. monocytogenes</i> <sup>5</sup>  Consistent with <i>L. monocytogenes</i>
<b>Viability (post-freeze)<sup>2</sup></b>	Growth	Growth

<sup>1</sup>NR-13229 was produced by inoculation of the deposited material into Brain Heart Infusion broth and grown 24 hours at 37°C and aerobic atmosphere. Broth inoculum was added to Kolles (Tryptic Soy Agar with 5% defibrinated sheep blood) which were grown 24 hours at 37°C and aerobic atmosphere to produce this lot.

<sup>2</sup>24 hours at 37°C and aerobic atmosphere on Tryptic Soy Agar with 5% defibrinated sheep blood

<sup>3</sup>7 days in an aerobic atmosphere on Tryptic Soy Agar with 5% defibrinated sheep blood

<sup>4</sup>Hemolytic activity on blood agar is generally used to distinguish *L. monocytogenes* from other *Listeria* species

<sup>5</sup>Also consistent with other *Listeria* species

**Figure 1**



**Date:** 05 MAY 2011

**Signature:** 

**Title:** Technical Manager, BEI Authentication or designee

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.

