

**Listeria monocytogenes, Strain Li 21**

**Catalog No. NR-107**

(Derived from ATCC® 19112™)

**Product Description:** *Listeria monocytogenes* (*L. monocytogenes*) is a Gram-positive, facultative intracellular bacterium that is extremely tolerant of external stresses.

**Lot<sup>1</sup>: 3655718**

**Manufacturing Date: 29MAR2004**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology <sup>2</sup> Biochemical characterization: Analytical profile index (API® Listeria) β-hemolysis <sup>3</sup> Catalase activity	Gram-positive rod Report results  Consistent with <i>L. monocytogenes</i> Report results Positive	Gram-positive rod Circular, entire, convex, gray-white  Consistent with <i>L. monocytogenes</i> Positive Positive
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 510 bp)	Consistent with <i>L. monocytogenes</i>	Consistent with <i>L. monocytogenes</i> <sup>4</sup>
<b>Viability (post-freeze)<sup>5</sup></b>	Growth	Growth

<sup>1</sup>NR-107 was prepared by Brain Heart Infusion broth (BD 237500) culture of ATCC® 19112™ for 24 hours at 37°C and aerobic atmosphere.

<sup>2</sup>24 hours at 37°C and aerobic atmosphere in Tryptic Soy Agar (BD 236950) with 5% defibrinated sheep blood

<sup>3</sup>Hemolytic activity on blood agar is generally used to distinguish *L. monocytogenes* from other *Listeria* species.

<sup>4</sup>Also consistent with other *Listeria* species

<sup>5</sup>24 hours at 37°C and aerobic atmosphere

**Date:** 27 AUG 2008

**Signature:** Signature on File

**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.

