

**Listeria monocytogenes, Strain Li 2**

**Catalog No. NR-110**

(Derived from ATCC® 19115™)

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

**Lot<sup>1</sup>: 3656831**

**Manufacturing Date: 23MAR2004**

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 (~ 530 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-110 was prepared by Brain Heart Infusion broth (BD 237500) culture of ATCC® 19115™ 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

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