

Salmonella enterica subsp. *enterica*, Strain LT2

Catalog No. NR-174

(Derived from ATCC[®] 700720[™])

Product Description: *Salmonella enterica* (*S. enterica*) are Gram-negative, rod-shaped, flagellated bacteria. This organism causes a typhoid-like disease in mouse and gastroenteritis in humans.

Lot¹: 3824588

Manufacturing Date: 12AUG2004

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Analytical profile index (API [®] 20 E)	Gram-negative Report results Consistent with <i>Salmonella</i> spp.	Gram-negative Circular, entire, glistening, transparent Consistent with <i>Salmonella</i> spp.
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 585 bp) Ribotyping	Consistent with <i>S. enterica</i> subsp. <i>enterica</i> Consistent with <i>S. enterica</i> subsp. <i>enterica</i> (≥ 85% similarity)	Consistent with <i>S. enterica</i> subsp. <i>enterica</i> ² Consistent with <i>S. enterica</i> subsp. <i>enterica</i> (99% similarity)
Viability (post-freeze)³	Growth	Growth

¹NR-174 was derived from ATCC[®] 700720[™] (Lot: 4495567) and grown for 24 hours at 37°C and aerobic atmosphere in Tryptic Soy Broth (BD 211825).

²Also consistent with other *Salmonella* species.

³24 hours at 37°C and aerobic atmosphere in Tryptic Soy Broth.

Date: 10 JAN 2008

Signature: Signature on File

Title: Technical Manager, BEI Authentication or designee

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