

## ***Salmonella enterica* subsp. *enterica*, 2004 Pennsylvania Tomato Outbreak, Serovar Muenchen, Isolate 3**

**Catalog No. NR-4313**

**Product Description:** *Salmonella enterica* (*S. enterica*) subsp. *enterica* serovar Muenchen is found in domestic and wild animals and is generally spread to humans via consumption of contaminated water or food resulting in gastroenteritis.

**Lot<sup>1</sup>: 58057805**

**Manufacturing Date: 06FEB2007**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology <sup>2</sup>  Analytical profile index (API <sup>®</sup> 20 E)	Gram-negative rod Report results  Consistent with <i>Salmonella</i>	Gram-negative rod Circular, entire, convex, translucent (Figure 1) Consistent with <i>Salmonella</i>
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1430 bp)	Consistent with <i>S. enterica</i> subsp. <i>enterica</i>	Consistent with <i>S. enterica</i> subsp. <i>enterica</i>
<b>PCR Assay of Extracted DNA</b> 16S ribosomal RNA gene	~ 1500 bp amplicon	~ 1500 bp amplicon
<b>Viability (post-freeze)<sup>3</sup></b>	Growth	Growth

<sup>1</sup>*S. enterica* subsp. *enterica*, 2004 Pennsylvania Tomato Outbreak, Serovar Muenchen, Isolate 3 was isolated from the stool of a patient with diarrhea during the 2004 *Salmonella* outbreak in Pennsylvania (PA) and deposited by Carol H. Sandt, Molecular Microbiology Section, Bureau of Laboratories, PA Department of Health, Lionville, PA. The isolated material was grown on Tryptic Soy Agar plates which were used to inoculate Tryptic Soy Broth. The culture was cryogenically preserved in 20% glycerol at -70°C until deposition. NR-4313 was produced by inoculation of the deposited material into Tryptic Soy Broth (BD 211825) and grown 24 hours at 37°C and aerobic atmosphere. Broth inoculum was added to Kolles 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 (BD 236950)

<sup>3</sup>24 hours at 37°C and aerobic atmosphere in Tryptic Soy Broth

**Figure 1**



**Date:** 18 JUL 2008

**Signature:** Signature on File

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

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