

***Escherichia coli*, Strain CoGen001854**

Catalog No. NR-4358

Product Description: *Escherichia coli* (*E. coli*), strain CoGen001854 is an isolate from Illinois that was obtained during the 2006 California spinach outbreak.

Lot¹: 58580352

Manufacturing Date: 10APR2009

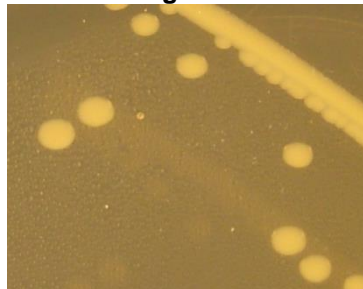
TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Analytical profile index (API [®] 20 E)	Gram-negative rods Report results Consistent with <i>E. coli</i>	Gram-negative rods Circular, convex, entire, cream, transparent and glistening (Figure 1) Consistent with <i>E. coli</i>
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1410 bp)	Consistent with <i>E. coli</i>	Consistent with <i>E. coli</i> ³
Viability (post-freeze)²	Growth	Growth

¹NR-4358 was produced by inoculation of the deposited material into Tryptic Soy Broth 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.

²24 hours at 37°C and aerobic atmosphere on Tryptic Soy Agar

³Also consistent with *Shigella* species

Figure 1



Date: 20 APR 2011

Signature: 

Title: Technical Manager, BEI Authentication or designee

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