

Certificate of Analysis for NR-32837

***Vibrio parahaemolyticus*, Strain K4639 Gray (Serotype O4:K12)**

Catalog No. NR-32837

Product Description: *Vibrio parahaemolyticus* (*V. parahaemolyticus*), strain K4639 gray was isolated from the stool of a patient with clinical disease in New York, USA, in 2006.

Lot¹: 61230090

Manufacturing Date: 19SEP2012

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Hemolysis Biochemical characterization: Analytical profile index (API [®] 20E)	Report results Report results Report results Consistent with <i>V. parahaemolyticus</i>	Gram-negative rods Circular, convex, entire, smooth and gray (Figure 1) α-hemolysis Consistent with <i>V. parahaemolyticus</i>
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 900 base pairs) Riboprinter [®] Microbial Characterization System	Consistent with <i>V. parahaemolyticus</i> Consistent with <i>V. parahaemolyticus</i>	Consistent with <i>V. parahaemolyticus</i> ³ Consistent with <i>V. parahaemolyticus</i>
Viability (post-freeze)²	Growth	Growth

¹NR-32837 was produced by inoculation of deposited material into Tryptic Soy Broth and grown 24 hours in an aerobic atmosphere at 37°C. Broth inoculum was added to Kolles which was 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 with 5% defibrinated sheep blood

³Also consistent with other *Vibrio* species

Figure 1



Date: 28 FEB 2013

Signature:

Title:

Technical Manager, BEI Authentication or designee

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