

Certificate of Analysis for NR-34579

Vibrio parahaemolyticus, Isolate 1

Catalog No. NR-34579

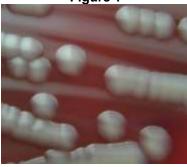
Product Description: Vibrio parahaemolyticus (V. parahaemolyticus), isolate 1 was obtained from an oyster in New South Wales, Australia, 2010.

Lot¹: 61500400 Manufacturing Date: 30JAN2013

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology	Report results	Gram-negative rods
Colony morphology ²	Report results	Circular, entire, low convex and gray
		(Figure 1)
Hemolysis	Report results	α-hemolysis
Biochemical characterization:		
Analytical profile index (API [®] 20 E)	Consistent with <i>V. parahaemolyticus</i>	Consistent with <i>V. parahaemolyticus</i>
Genotypic Analysis		
Sequencing of 16S ribosomal RNA gene		
(~ 1460 base pairs)	Consistent with <i>V. parahaemolyticus</i>	Consistent with <i>V. parahaemolyticus</i> ³
Riboprinter® Microbial Characterization System	Consistent with V. parahaemolyticus	Consistent with V. parahaemolyticus
Viability (post-freeze) ²	Growth	Growth

NR-34579 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.

Figure 1



Date: 26 JUL 2013

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Signature:

Title: Technical Manager, BEI Authentication or designee

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NR-34579 61500400 26JUL2013

²24 hours at 37°C and aerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood

³Also consistent with other *Vibrio* species