

Certificate of Analysis for NR-9906

Vibrio cholerae, Strain 395

Catalog No. NR-9906

(Derived from ATCC® 39541™)

Product Description: *Vibrio cholerae* (*V. cholerae*), strain 395 was isolated in the spring of 1964 from a patient with clinical cholera in Calcutta, India.

Lot: 58954302 Date of Manufacture: 20NOV2009

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology	Gram-negative rods	Gram-negative rods
Colony morphology ²	Report results	Circular, raised, entire and translucent
Motility	Motile	Motile
Biochemical characterization:		
Analytical profile index (API [®] 20 NE)	Consistent with V. cholerae	Consistent with V. cholerae
Genotypic Analysis		
Seguencing of 16S ribosomal RNA gene (~ 650 base pairs)	Consistent with V. cholerae	Consistent with <i>V. cholerae</i> ³
Sequencing of 16S ribosomal RNA gene (~ 650 base pairs) Riboprinter® Microbial Characterization System	Consistent with V. cholerae	Consistent with V. cholerae
Viability (post-freeze) ²	Growth	Growth

¹NR-9906 was produced by inoculation of ATCC[®] 39541[™] (Lot 99336) into Tryptic Soy Broth (BD 211825) and grown 24 hours in an aerobic atmosphere. Broth inoculum was added to Kolles which was grown 24 hours at 37°C and aerobic atmosphere to produce this lot.

Date: 10 DEC 2010 Signature: (

Title: Technical Manager, BEI Authentication or designee

ATCC[®], on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC[®]'s knowledge.

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

³Also consistent with other *Vibrio* species