

## **Certificate of Analysis for NR-151**

## Vibrio cholerae, Strain Kasauli 73

Catalog No. NR-151 (Derived from ATCC<sup>®</sup> 14732™)

**Product Description:** Vibrio cholerae (V. cholerae) is a natural inhabitant of warm aquatic environments and the causative agent of the diarrheal disease cholera.

Lot<sup>1</sup>: 3712751 Manufacturing Date: 14MAY2004

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphologies <sup>2</sup> Biochemical characterization: Analytical profile index (API <sup>®</sup> 20E)	Gram-negative Report results  Consistent with <i>V. cholerae</i>	Gram-negative Circular, entire, glistening, transparent and circular, entire, glistening, opaque Consistent with <i>V. cholerae</i>
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (560 bp)	Consistent with <i>V. cholerae</i>	Consistent with <i>V. cholerae</i> <sup>3</sup>
Viability (post-freeze) <sup>4</sup>	Growth	Growth

<sup>&</sup>lt;sup>1</sup>NR-151 was prepared by Tryptic Soy Broth (BD 211768) culture of ATCC<sup>®</sup> 14732™ (Lot: 17795) for 24 hours at 37°C and aerobic atmosphere.

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**Date:** 04 OCT 2015 **Signature:** Signature on File

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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<sup>&</sup>lt;sup>2</sup>24 hours at 37°C and aerobic atmosphere in Tryptic Soy Agar (BD 236950)

<sup>&</sup>lt;sup>3</sup>Also consistent with other *Vibrio* species

<sup>&</sup>lt;sup>4</sup>24 hours at 37°C and aerobic atmosphere