

Certificate of Analysis for NR-28853

Vibrio cholerae, Strain HC-43B1

Catalog No. NR-28853

Vibrio cholerae (V. cholerae), strain HC-43B1 was deposited as a **Product Description:** serogroup non-O1/non-O139 strain that was isolated from a patient in Haiti in 2010.

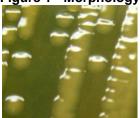
Lot¹: 63087134 Manufacturing Date: 26NOV2014

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology	Gram-negative rods	Gram-negative rods
Colony morphology ²	Report results	Circular, low convex, entire, smooth and yellow (Figure 1)
Hemolysis ³	Report results	β-hemolytic
Motility (wet mount)	Report results	Motile
VITEK® MS (MALDI-TOF)	Consistent with V. cholerae	Consistent with V. cholerae
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 890 base pairs)	Consistent with V. cholerae	Consistent with <i>V. cholerae</i> ^{4,5}
Purity (post-freeze) ⁶	Growth consistent with V. cholerae	Growth consistent with V. cholerae
Viability (post-freeze) ²	Growth	Growth

NR-28853 was produced by inoculation of the deposited material into Brain Heart Infusion broth and grown 24 hours at 37°C in an aerobic atmosphere. Broth inoculum was added to Brain Heart Infusion agar kolles which were grown 24 hours at 37°C in an aerobic atmosphere to

⁶Purity of this lot was assessed for 7 days on Brain Heart Infusion agar under propagation conditions.





Date: 21 MAY 2015

BEI Resources Authentication

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 in an aerobic atmosphere on Brain Heart Infusion agar

³24 hours at 37°C in an aerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood

⁴≥ 99.7% identical to *V. cholerae*, strain HC-43B1 (GenBank: ALDP01000008)

⁵Also consistent with other *Vibrio* species