

Certificate of Analysis for NR-32129

Neisseria meningitidis, Strain 9506

Catalog No. NR-32129

Product Description: Neisseria meningitidis (N. meningitidis), strain 9506 was isolated in 2004 from an infected patient in Brazil. N. meningitidis, strain 9506 was deposited as a member of serogroup C.

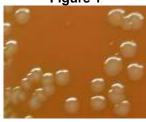
Lot¹: 62778969 Manufacturing Date: 10JUL2014

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology	Report results	Gram-negative cocci
Colony morphology ²	Report results	Circular, low convex, entire, smooth and gray (Figure 1)
Motility (wet mount)	Non-motile	Non-motile
Biochemical tests		
Remel RapID [™] NH System	Consistent with N. meningitidis	Consistent with N. meningitidis
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 730 base pairs)	Consistent with N. meningitidis	Consistent with <i>N. meningitidis</i> ³
Purity (post-freeze) ⁴	Growth consistent with N. meningitidis	Growth consistent with N. meningitidis
Viability (post-freeze) ²	Growth	Growth

¹N. meningitidis, strain 9506 was produced by inoculation of the deposited material into *Haemophilus* Test medium and incubated for 24 hours at 37°C in an aerobic atmosphere with 5% CO₂. Broth inoculum was added to Chocolate agar kolles which were grown 23 hours under propagation conditions to produce this lot.

⁴Purity of this lot was assessed for 7 days on Chocolate agar under propagation conditions.





Date: 12 NOV 2014 Signature:

Title: Technical Manager, BEI Authentication or designee

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²22 hours on Chocolate agar under propagation conditions

³≥ 99.5% identical to *N. meningitidis*, strain 9506 (GenBank: ANRR01000003.1)