

Certificate of Analysis for NR-48804

Genomic DNA from Neisseria meningitidis, Strain 2007056

Catalog No. NR-48804

Product Description: Genomic DNA was obtained from a preparation of *Neisseria meningitidis* (*N. meningitidis*), strain 2007056 which was isolated in 2007 from an infected patient in Burkina Faso. *N. meningitidis*, strain 2007056 was deposited as a member of serogroup A.

Lot¹: 62778963 Manufacturing Date: 15AUG2014

TEST	SPECIFICATIONS	RESULTS
Sequencing of 16S Ribosomal RNA Gene (~ 1480 base pairs)	Consistent with N. meningitidis	Consistent with N. meningitidis ²
Agarose Gel Electrophoresis	High molecular weight chromosomal DNA	High molecular weight chromosomal DNA (Figure 1)
Concentration by PicoGreen® Measurement	0.7 to 1.5 μg in 25 to 100 μL per vial	1.0 μg in 25 μL per vial (41 μg/mL)
Functional Activity by PCR Amplification 16S ribosomal RNA gene	~ 1500 bp amplicon	~ 1500 bp amplicon
OD ₂₆₀ /OD ₂₈₀ Ratio	1.7 to 2.1	1.9
Bacterial Inactivation 10% of total yield plated on Chocolate agar ^{3,4}	No viable bacteria detected	No viable bacteria detected

The bacterial preparation used for extraction of genomic DNA was produced by broth culture of BEI Resources NR-32116 (lot 62778966). Genomic DNA was extracted using proprietary technology.

Date: 08 APR 2015 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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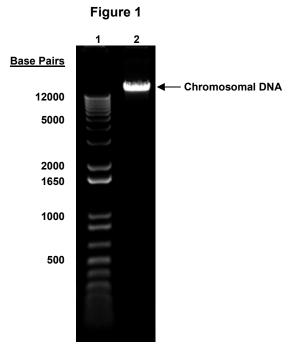
²100% identical to *N. meningitidis*, strain 2007056 (GenBank: ANSE01000004.1)

³7 days at 37°C in an aerobic atmosphere with 5% CO₂

⁴An extraction procedure was used that has been shown to consistently inactivate 100% of Gram-negative and Gram-positive bacteria.



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Lane 1: Invitrogen™ TrackIt 1 Kb Plus DNA Ladder™ Lane 2: 200 ng of NR-48804

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