

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.

Lot<sup>1</sup>: 62778963

Manufacturing Date: 15AUG2014

TEST	SPECIFICATIONS	RESULTS
Sequencing of 16S Ribosomal RNA Gene (~ 1480 base pairs)	Consistent with <i>N. meningitidis</i>	Consistent with <i>N. meningitidis</i> <sup>2</sup>
Agarose Gel Electrophoresis	High molecular weight chromosomal DNA	High molecular weight chromosomal DNA (Figure 1)
Concentration by PicoGreen <sup>®</sup> 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 <sub>260</sub> /OD <sub>280</sub> Ratio	1.7 to 2.1	1.9
Bacterial Inactivation 10% of total yield plated on Chocolate agar <sup>3,4</sup>	No viable bacteria detected	No viable bacteria detected

<sup>1</sup>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.

<sup>2</sup>100% identical to *N. meningitidis*, strain 2007056 (GenBank: ANSE01000004.1)

<sup>3</sup>7 days at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub>

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

Date: 08 APR 2015

Signature:



Title:

Technical Manager, BEI Authentication or designee

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