

## Genomic DNA from *Paenibacillus macerans*, Strain NRS 888

**Catalog No. NR-2542**

**Product Description:** Genomic DNA was isolated from a preparation of *Paenibacillus macerans*, strain NRS 888.

**Lot<sup>1</sup>: 4874340**

**Manufacturing Date: AUG2006**

TEST	SPECIFICATIONS	RESULTS
<b>Sequencing of 16S Ribosomal RNA Gene (~ 645 bp)</b>	Identical to BEI Resources NR-2490 Consistent with <i>Paenibacillus macerans</i> Identical to GenBank AB073196	Identical to BEI Resources NR-2490 Consistent with <i>Paenibacillus macerans</i> <sup>2</sup> Identical to GenBank AB073196
<b>Agarose Gel Electrophoresis</b>	High molecular weight chromosomal DNA	High molecular weight chromosomal DNA
<b>Concentration by PicoGreen<sup>®</sup> Measurement</b>	1 to 3 µg per vial	1.4 µg per vial
<b>OD<sub>260</sub>/OD<sub>280</sub> Ratio</b>	1.7 to 1.9	1.9
<b>Functional Activity by PCR Amplification</b> 16S ribosomal RNA gene	> 500 bp amplicon	~ 645 bp amplicon

<sup>1</sup>Genomic DNA was extracted using proprietary technology from a portion of BEI Resources NR-2490 (Lot 4874326).

<sup>2</sup>Also consistent with other *Paenibacillus* species.

**Date:** 02 OCT 2007

**Signature:** Signature on File

**Title:** Technical Manager, BEI Authentication or designee

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