

**Porphyromonas sp., Oral Taxon 278, Strain W7784**

**Catalog No. HM-1064**

**Product Description:** *Porphyromonas* sp., Oral Taxon 278, strain W7784 was isolated June 6, 1992, from dental plaque biofilm on the third molar of a healthy human in Helsinki, Finland.

**Lot<sup>1-3</sup>: 63359853**

**Manufacturing Date: 12MAR2015**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology <sup>4</sup> Motility (wet mount)	Gram-negative rods Report results Report results	Gram-negative rods No growth on agar <sup>5</sup> Non-motile
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1380 base pairs)	≥ 99% identical to GenBank AWUX01000007 ( <i>Porphyromonas</i> sp., Oral Taxon 278, strain W7784)	≥ 99% identical to GenBank AWUX01000007 ( <i>Porphyromonas</i> sp., Oral Taxon 278, strain W7784)
<b>Purity (post-freeze)</b> Aerobic growth <sup>6</sup>	No growth	Growth <sup>7</sup>
<b>Viability (post-freeze)<sup>3,8</sup></b>	Growth	Growth

<sup>1</sup>Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

<sup>2</sup>*Porphyromonas* sp., Oral Taxon 278, strain W7784 was deposited by Floyd E. Dewhirst, D.D.S., Ph.D., Senior Member of the Staff, Department of Microbiology and Jacques Izard, Assistant Member of the Staff, Department of Molecular Genetics, The Forsyth Institute, Cambridge, Massachusetts, USA. HM-1064 was produced by inoculation of the deposited material into Supplemented Tryptic Soy broth and incubated for 46 hours at 37°C in an anaerobic atmosphere (< 5% O<sub>2</sub>; Remel™ Pack-Anaero™). The material from the initial growth was passaged once in Supplemented Tryptic Soy broth for 25 hours at 37°C in an anaerobic atmosphere to produce this lot.

<sup>3</sup>Growth on agar is not recommended for *Porphyromonas* sp., Oral Taxon 278, strain W7784 and may not be reproducible.

<sup>4</sup>7 days on Tryptic Soy agar with 5% defibrinated sheep blood at 37°C in an anaerobic atmosphere.

<sup>5</sup>Punctiform growth may be observed.

<sup>6</sup>Purity of this lot was assessed for 7 days on Tryptic Soy agar with 5% defibrinated sheep blood at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub>.

<sup>7</sup>After 7 days of incubation, a light film of growth was observed. Sequencing of the 16S ribosomal RNA gene found cells from this growth to be consistent with cells from the broth growth and with *Porphyromonas* sp., Oral Taxon 278, strain W7784 (GenBank: AWUX01000007).

<sup>8</sup>24 hours at 37°C in an anaerobic atmosphere in Tryptic Soy broth

**Date:** 06 JUL 2015

**Signature:** 

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