

Porphyromonas sp., Oral Taxon 278, Strain W7784

Catalog No. HM-1064

Product Description:

Porphyromonas sp., Oral Taxon 278, strain W7784 was isolated on June 6, 1992, from dental plaque biofilm on the third molar of a healthy human in Helsinki, Finland. HM-1064 was produced by inoculation of BEI Resources seed lot 63359854 into Supplemented Tryptic Soy broth and incubated for 2 days at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ AnaeroPack™-Anaero). The material from the initial growth was passaged once in Supplemented Tryptic Soy broth, which was grown for 2 days at 37°C in an anaerobic atmosphere to produce this lot. Quality control testing was completed under propagation conditions unless otherwise noted.

Note: 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.

Lot: 70083356

Manufacturing Date: 05JUN2026

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis¹ Cellular morphology 4 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood Colony morphology 4 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood Motility (wet mount)	Gram-negative rods Report results Report results	Gram-negative rods Punctiform ² Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~1410 base pairs)	≥ 99% sequence identity to <i>Porphyromonas</i> sp., Oral Taxon 278, strain W7784 (GenBank: AWUX01000007.1)	99.7% sequence identity to <i>Porphyromonas</i> sp., Oral Taxon 278, strain W7784 (GenBank: AWUX01000007.1)
Purity (post-freeze) 7 days at 37°C in an aerobic atmosphere with 5% CO ₂ on Tryptic Soy agar with 5% defibrinated sheep blood	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology ²
Viability (post-freeze)	Growth	Growth

¹Growth on agar is not recommended for *Porphyromonas* sp., Oral Taxon 278, strain W7784, and may not be reproducible.

²A light film of growth was observed. Sequencing of the 16S ribosomal RNA gene found cells from this growth to be consistent with *Porphyromonas* sp., Oral Taxon 278, strain W7784 (GenBank: AWUX01000007.1).

/Sonia Bjorum Brower/

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27 JUL 2026

Technical Manager or designee, ATCC Federal Solutions

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