

***Pseudoleptotrichia goodfellowii*, Strain F0264 (Deposited as *Leptotrichia goodfellowii*, F0264)**

**Catalog No. HM-12**

**Product Description:**

*Pseudoleptotrichia goodfellowii* (*P. goodfellowii*) Strain F0264 was isolated from the subgingival plaque of a 23-year-old white male patient with experimental gingivitis in the United States. **Note: The label on the vial is incorrect; the correct species is *Pseudoleptotrichia goodfellowii*, due to a change in classification.** HM-12 lot 70051598 was produced by the inoculation of BEI Resources seed lot 61345029 into Modified Reinforced Clostridial broth and incubated for 3 days 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 Modified Reinforced Clostridial broth for 4 days at 37°C in an anaerobic atmosphere to produce this lot.

**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: 70051598**

**Manufacturing Date: 15APR2022**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology 3 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood  Colony morphology 3 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   Circular, convex, entire, smooth, and cream   Non-motile
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~1410 base pairs)	≥ 99% sequence identity to <i>P. goodfellowii</i> strain F0264 (GenBank: ADAD01000110.1)	100% sequence identity to <i>P. goodfellowii</i> strain F0264 (GenBank: ADAD01000110.1)
<b>Purity (post-freeze)</b> Anaerobic 7 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood  Aerobic with 5% CO <sub>2</sub> 7 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood	Growth consistent with expected colony morphology   No growth	Growth consistent with expected colony morphology   No growth
<b>Viability (post-freeze)</b> 3 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood	Growth	Growth

/Sonia Bjoram Brower/

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