

Certificate of Analysis for HM-875

Fusobacterium* sp., Strain OBRC1*Catalog No. HM-875****Product Description:** *Fusobacterium* sp., strain OBRC1 is a human oral isolate.**Lot^{1,2}: 63140954****Manufacturing Date: 12JAN2015**

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³ Motility (wet mount)	Report results Report results Report results	Gram-negative rod Circular, low convex, entire, smooth and gray (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1330 base pairs)	≥ 99% identical to GenBank: JANA01000083 (<i>Fusobacterium</i> sp., strain OBRC1)	≥ 99% identical to GenBank: JANA01000083 (<i>Fusobacterium</i> sp., strain OBRC1)
Purity (post-freeze) Anaerobic growth ⁴ Aerobic growth ⁵	Growth consistent with <i>Fusobacterium</i> sp. No growth	Growth consistent with <i>Fusobacterium</i> sp. No growth
Viability (post-freeze)³	Growth	Growth

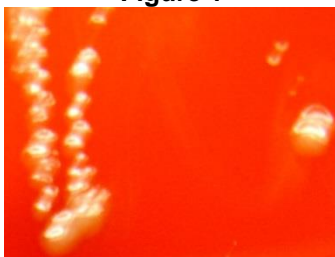
¹Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

²*Fusobacterium* sp., strain OBRC1 was deposited by Maria V. Sizova, Ph.D., Department of Biology, Northeastern University, Boston, Massachusetts, USA. HM-875 was produced by inoculation of the deposited material into Modified Chopped Meat medium and incubated for 47 hours at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™ R681001). The material from the initial growth was passaged once in Modified Chopped Meat medium for 48 hours at 37°C in an anaerobic atmosphere then once on Tryptic Soy agar with 5% defibrinated sheep blood kolles for 69 hours at 37°C in an anaerobic atmosphere to produce this lot.

³3 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood

⁴Purity of this lot was assessed for 7 days on Tryptic Soy agar with 5% defibrinated sheep blood at 37°C in an anaerobic atmosphere.

⁵Purity 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% CO₂.

Figure 1**Date:** 18 FEB 2015**Signature:**
BEI Resources Authentication

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

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