b|e|i RESOURCES
SUPPORTING INFECTIOUS DISEASE RESEARCH

Certificate of Analysis for HM-6

Peptoniphilus sp., Oral Taxon 386, Strain F0131

Catalog No. HM-6

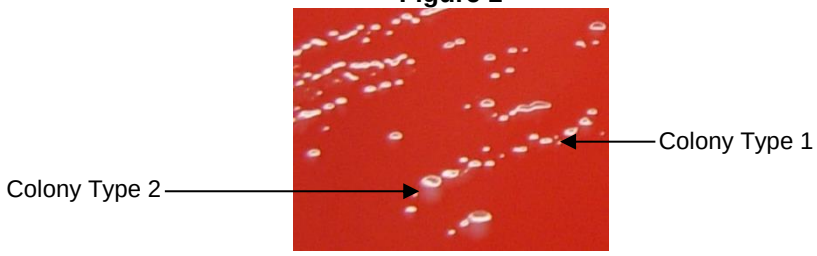
Product Description: *Peptoniphilus* sp., Oral Taxon 386, strain F0131 was isolated in August 1978 from subgingival dental plaque of a 54-year-old American black female patient with moderate periodontitis.

Lot[1,2]: 60126520 **Manufacturing Date: 09NOV2011**

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphologies[3,4]	 Report results Report results	 Gram-positive cocci Colony type 1: Pinpoint and gray (Figure 1) Colony type 2: Circular, peaked and white (Figure 1)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1400 base pairs)	≥ 99% identical to GenBank: ADCS01000031 (*Peptoniphilus* sp., Oral Taxon 386, strain F0131)	≥ 99% identical to GenBank: ADCS01000031 (*Peptoniphilus* sp., Oral Taxon 386, strain F0131)
Viability (post-freeze)[3]	Growth	Growth

[1]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.
[2]*Peptoniphilus* sp., Oral Taxon 386, strain F0131 was deposited by Jacques Izard, Assistant Member of the Staff, Department of Molecular Genetics, The Forsyth Institute, Boston, Massachusetts, USA. HM-6 was produced by inoculation of the deposited material into Modified Reinforced Clostridial Broth (ATCC medium 2107) and incubated for 72 hours at 37°C in an anaerobic atmosphere (80% N_2:10% CO_2:10% H_2). The material from the initial growth was passaged once in Modified Chopped Meat Medium for 96 hours at 37°C in an anaerobic atmosphere to produce this lot.
[3]48 hours at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood
[4]Two colony types were observed. Plating of the individual colony types showed that they did not revert to the mixed colony type. The 16S ribosomal RNA gene of each colony type was sequenced and found to be consistent the other colony type.

Figure 1



Date: 31 MAY 2012 **Signature:**

Title: Technical Manager, BEI Authentication or designee

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