

**Selenomonas sp., Oral Taxon 137, Strain F0430**

**Catalog No. HM-564**

**Product Description:** *Selenomonas* sp., Oral Taxon 137, strain F0430 was isolated in 2006 from molar tooth dental plaque of a 5-year-old male patient with caries in the United States.

**Lot<sup>1,2</sup>: 70012253**

**Manufacturing Date: 20FEB2018**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology <sup>3</sup>  Motility (wet mount)	Gram-negative rods Report results  Report results	Gram-negative rods Circular, convex, entire, translucent, smooth and gray (Figure 1) Motile
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 740 base pairs)	≥ 99% sequence identity to <i>Selenomonas</i> sp., Oral Taxon 137, Strain F0430 (GenBank: AENV01000002.1)	99.6% sequence identity to <i>Selenomonas</i> sp., Oral Taxon 137, Strain F0430 (GenBank: AENV01000002.1)
<b>Purity (post-freeze)</b> Anaerobic growth <sup>4</sup>  Aerobic growth <sup>5</sup>	Growth consistent with expected colony morphology No growth	Consistent with expected colony morphology No growth
<b>Viability (post-freeze)<sup>3</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.

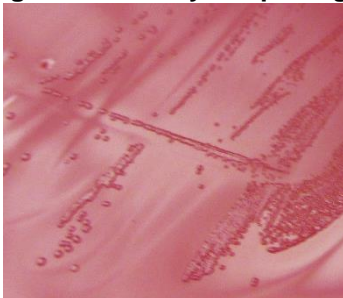
<sup>2</sup>*Selenomonas* sp., Oral Taxon 137, strain F0430 was deposited by Jacques Izard, Assistant Member of the Staff, Department of Molecular Genetics, The Forsyth Institute, Cambridge, Massachusetts, USA. HM-564 was produced by inoculation of the deposited material into Trypticase Soy Yeast Extract broth and incubated for 4 days at 37°C in an anaerobic atmosphere (< 5% O<sub>2</sub>; Remel™ Pack-Anaero™). Broth inoculum was passaged once in Trypticase Soy Yeast Extract broth for 4 days at 37°C in an anaerobic atmosphere to produce this lot.

<sup>3</sup>4 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood

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

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

**Figure 1: Colony Morphology**



13 JUN 2018

Program Manager or designee, ATCC Federal Solutions

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