

***Dorea formicigenerans*, Strain 4\_6\_53AFAA**

**Catalog No. HM-300**

**Product Description:** *Dorea formicigenerans* (*D. formicigenerans*), strain 4\_6\_53AFAA was isolated from human gastrointestinal tract biopsy sample.

**Lot<sup>1,2</sup>: 70004931**

**Manufacturing Date: 26APR2017**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology <sup>3</sup>  Motility (wet mount)	Report results Report results  Report results	Gram-positive rod Circular, convex, entire, smooth and gray (Figure 1) Non-motile
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1400 base pairs)	≥ 99% identical to <i>D. formicigenerans</i> , strain 4_6_53AFAA (GenBank: ADLU01000111)	99.7% identical to <i>D. formicigenerans</i> , strain 4_6_53AFAA (GenBank: ADLU01000111)
<b>Purity (post-freeze)</b> Anaerobic growth <sup>4</sup>  Aerobic growth <sup>5</sup>	Growth consistent with expected colony morphology No growth	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.

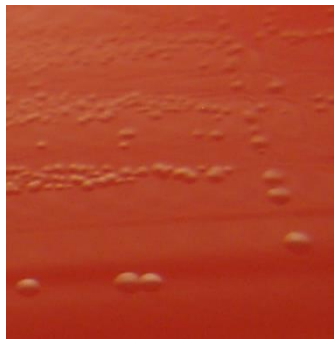
<sup>2</sup>*Dorea formicigenerans*, strain 4\_6\_53AFAA was deposited by Professor Emma Allen-Vercoe, Department of Molecular and Cellular Biology, University of Guelph, Guelph, Ontario, Canada. The deposited material was inoculated into Chopped Meat medium with 1% Glucose and incubated for 3 days at 37°C in an anaerobic atmosphere (< 5% O<sub>2</sub>; Remel™ Pack-Anaero™). The material from the initial growth was passaged once in Chopped Meat medium with 1% Glucose for 2 days at 37°C in an anaerobic atmosphere to produce this lot.

<sup>3</sup>2 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**



**Date:** 06 JUN 2017

**Signature:**



BEI Resources Authentication

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