

**Megasphaera micronuciformis, Strain DNF00954**

**Catalog No. HM-1172**

**Product Description:** *Megasphaera micronuciformis* (*M. micronuciformis*), strain DNF00954 was isolated on November 28, 2011, from vaginal fluid collected from a woman that tested positive for bacterial vaginosis in the United States.

**Lot<sup>1,2</sup>: 62072060**

**Manufacturing Date: 15OCT2013**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology <sup>3</sup>  Hemolysis on blood agar <sup>3</sup> Motility (wet mount)	Gram-negative cocci Report results  Report results Non-motile	Gram-negative cocci Circular, low convex, entire, smooth, translucent and colorless (Figure 1) Non-hemolytic Non-motile
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1260 base pairs)	≥ 99% identical to depositor's sequence	≥ 99% identical to depositor's sequence (GenBank: KF280303)
<b>Purity (post-freeze)<sup>4</sup></b>	Growth consistent with <i>M.</i> <i>micronuciformis</i>	Growth consistent with <i>M.</i> <i>micronuciformis</i>
<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>*M. micronuciformis*, strain DNF00954 (HM-1172) was deposited by David N. Fredricks, Principal Investigator, Vaccine and Infectious Diseases Division, Fred Hutchinson Cancer Research Center, Seattle, Washington, USA. HM-1172 was produced by inoculation of the deposited material into Modified Reinforced Clostridial broth and incubated for 5 days at 37°C in an anaerobic atmosphere (< 5% O<sub>2</sub>; Remel™ Pack-Anaero™ R681001). The initial growth was used to inoculate Modified Chopped Meat medium and a Tryptic Soy agar with 5% defibrinated sheep blood plate and both were grown at 37°C in an anaerobic atmosphere for 4 days and transferred to a room temperature anaerobic box (80% N: 20% CO<sub>2</sub>) for 3 days. Colonies from the plate were scraped into the modified chopped meat medium growth and the growth mixture was added to a Tryptic Soy agar with 5% defibrinated sheep blood plate kolles and grown for 4 days at 37°C in an anaerobic atmosphere (< 5% O<sub>2</sub>; Remel™ Pack-Anaero™ R681001) to produce this lot.

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

**Figure 1**



## Certificate of Analysis for HM-1172

**Date:** 07 NOV 2014

**Signature:**



**Title:**

Technical Manager, BEI Authentication or designee

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