

**Gardnerella vaginalis, Strain JCP7276**

**Catalog No. HM-1106**

**Product Description:**

*Gardnerella vaginalis* (*G. vaginalis*), strain JCP7276 was isolated on December 2010 from a clinical vaginal swab collected from a woman who tested intermediate for bacterial vaginosis (Nugent score = 5) at the Washington University School of Medicine in St. Louis, Missouri, USA. HM-1106 lot 70046178 was produced by the inoculation of BEI Resources seed lot 62092353 into NYC III broth and incubated for 2 days at 37°C in an anaerobic atmosphere (< 5% O<sub>2</sub>; Remel™ Pack-Anaero™). Broth inoculum was added to NYC III broth, which was grown for 2 days at 37°C in an anaerobic atmosphere to produce this lot. Quality control testing was completed under propagation conditions unless otherwise noted.

**Note:** 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.

**Lot: 70046178**

**Manufacturing Date: 23JUL2021**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology 2 days at 37°C in an anaerobic atmosphere on Chocolate agar Motility (wet mount)	Report results <sup>1</sup> Report results  Report results	Gram-negative pleomorphic rods Punctiform and gray (Figure 1)  Motile
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (1370 base pairs)	≥ 99% sequence identity to <i>G. vaginalis</i> , strain JCP7276 (GenBank: JX860309.1)	100% sequence identity to <i>G. vaginalis</i> , strain JCP7276 (GenBank: JX860309.1)
<b>Purity (post-freeze)</b> Anaerobic 7 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood Aerobic with 5% CO <sub>2</sub> 7 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood	Growth consistent with expected colony morphology  Report results	Growth consistent with expected colony morphology  Growth consistent with expected colony morphology
<b>Viability (post-freeze)</b>	Growth	Growth

<sup>1</sup>*G. vaginalis* is often described as a Gram-variable organism but has a thin, Gram-positive cell wall [see Harper, J. J. and G. H. G. Davis. "Cell Wall Analysis of *Gardnerella vaginalis* (*Haemophilus vaginalis*).<sup>1</sup>" *Int. J. Syst. Bacteriol.* 32 (1982): 48-50].

**Figure 1: Colony Morphology**



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Program Manager or designee, ATCC Federal Solutions

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