b|e|i RESOURCES
SUPPORTING INFECTIOUS DISEASE RESEARCH

Certificate of Analysis for HM-399

Lactobacillus gasseri, Strain EX336960VC02

Catalog No. HM-399

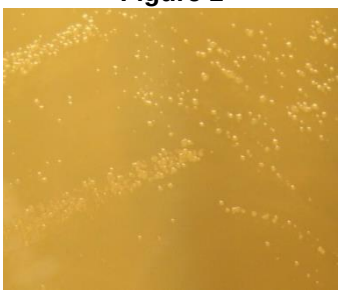
Product Description: *Lactobacillus gasseri* (*L. gasseri*), strain EX336960VC02 was isolated from a human mid-vaginal wall in March 2010, in Richmond, Virginia.

Lot[1,2]: 59852023 **Manufacturing Date: 05MAY2011**

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology[3]	 Gram-positive rod Report results	 Gram-positive rod Circular, entire and cream (Figure 1)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1450 base pairs)	 ≥ 99% identical to depositor's sequence Consistent with *L. gasseri*	 Pending Consistent with *L. gasseri*[4]
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]*L. gasseri*, strain EX336960VC02 was deposited by Professor Gregory A. Buck, Director, Center for the Study of Biological Complexity, Department of Microbiology and Immunology, Virginia Commonwealth University Medical Center, Richmond, Virginia. The deposited material was inoculated into Lactobacilli MRS Broth and incubated for 24 hours at 37°C in an aerobic atmosphere with 5% CO_2. The material from the initial growth was passaged once in Lactobacilli MRS Broth for 24 hours at 37°C in an aerobic atmosphere with 5% CO_2 to produce this lot.
[3]48 hours at 37°C in an aerobic atmosphere with 5% CO_2 on Lactobacilli MRS Agar
[4]Also consistent with other *Lactobacillus* species

Figure 1



Date: 01 SEP 2011 **Signature:**

Title: Technical Manager, BEI Authentication or designee

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