b|e|i RESOURCES
SUPPORTING INFECTIOUS DISEASE RESEARCH

Certificate of Analysis for HM-404

Lactobacillus gasseri, Strain EX336960VC07

Catalog No. HM-404

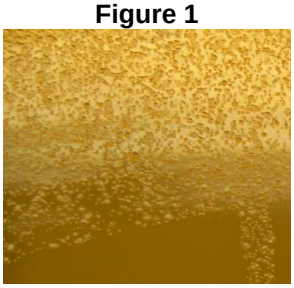
Product Description: *Lactobacillus gasseri* (*L. gasseri*), strain EX336960VC07 was isolated from a human mid-vaginal wall in March 2010, in Richmond, Virginia.

Lot[1,2]: 59852028 **Manufacturing Date: 19APR2011**

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology[3]	 Gram-positive rod Report results	 Gram-positive rod Pinpoint and white (Figure 1)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1460 base pairs)	 ≥ 99% identical to depositor's sequence Consistent with *L. gasseri*	 Pending Consistent with *L. gasseri*[4]
Viability (post-freeze)[5]	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 EX336960VC07 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 72 hours at 37°C in an aerobic atmosphere with 5% CO_2. 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]24 hours at 37°C in an aerobic atmosphere with 5% CO_2 on Lactobacilli MRS Agar
[4]Also consistent with other *Lactobacillus* species
[5]72 hours at 37°C in an aerobic atmosphere with 5% CO_2 on Lactobacilli MRS Agar

Figure 1



Date: 15 SEP 2011 **Signature:**

Title: Technical Manager, BEI Authentication or designee

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

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