

Certificate of Analysis for HM-722

Bacteroides xylanisolvens, Strain CL03T12C04

Catalog No. HM-722

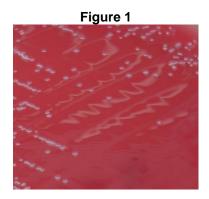
Product Description: Bacteroides xylanisolvens (B. xylanisolvens), strain CL03T12C04 was isolated from healthy adult human feces in Boston, Massachusetts, USA.

Lot^{1,2}: 63359847 Manufacturing Date: 09MAR2015

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology	Gram-negative rods	Gram-negative rods
Colony morphology ³	Report results	Circular, convex, entire, smooth and gray (Figure 1)
Motility (wet mount)	Report results	Non-motile
Genotypic Analysis		
Sequencing of 16S ribosomal RNA gene (~ 1390 base pairs)	≥ 99% identical to GenBank: AGXE01000036 (<i>B. xylanisolvens</i> , strain CL03T12C04)	≥ 99% identical to GenBank: AGXE01000036 (<i>B. xylanisolvens</i> , strain CL03T12C04)
Purity (post-freeze) Anaerobic growth ⁴	Growth consistent with B. xylanisolvens	Growth consistent with B. xylanisolvens
Aerobic growth ⁵	No growth	No growth
Viability (post-freeze) ³	Growth	Growth

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.

⁵Purity of this lot was assessed in an aerobic atmosphere with 5% CO₂ for 7 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood.



BEI Resources www.beiresources.org E-mail: contact@beiresources.org

Tel: 800-359-7370 Fax: 703-365-2898

²B. xylanisolvens, strain CL03T12C04 was deposited by Laurie E. Comstock, Ph.D., Associate Microbiologist, Department of Medicine, Channing Laboratory, Brigham and Women's Hospital, Harvard Medical School, Boston, Massachusetts. HM-722 was produced by inoculation of the deposited material into Modified Reinforced Clostridial broth and incubated for 72 hours at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™). The material from the initial growth was passaged once in Modified Reinforced Clostridial medium for 50 hours at 37°C in an anaerobic atmosphere to produce this lot.

³48 hours at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood

⁴Purity of this lot was assessed in an anaerobic atmosphere for 7 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood.



Certificate of Analysis for HM-722

Date: 04 MAY 2015

Signature:

BEI Resources Authentication

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.

ATCC® is a trademark of the American Type Culture Collection. You are authorized to use this product for research use only. It is not intended for human use.

BEI Resources www.beiresources.org E-mail: contact@beiresources.org
Tel: 800-359-7370

Fax: 703-365-2898