

***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 Colony morphology ³ Motility (wet mount)	Gram-negative rods Report results Report results	Gram-negative rods Circular, convex, entire, smooth and gray (Figure 1) 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 Aerobic growth ⁵	Growth consistent with <i>B. xylanisolvens</i> No growth	Growth consistent with <i>B. xylanisolvens</i> No growth
Viability (post-freeze)³	Growth	Growth

¹Quality 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*B. 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.

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.

Figure 1



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.

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