

Certificate of Analysis for HM-710

Bacteroides fragilis*, Strain CL07T12C05*Catalog No. HM-710**

Product Description: *Bacteroides fragilis* (*B. fragilis*), strain CL07T12C05 was isolated from healthy adult human feces in Boston, Massachusetts, USA.

Lot^{1,2}: 62323794**Manufacturing Date: 29JAN2014**

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³ Motility (wet mount)	Report results Report results Report results	Gram-negative rods Circular, low convex, entire, smooth and gray (Figure 1) Motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 900 base pairs)	≥ 99% identical to GenBank: AGXN01000030 (<i>B. fragilis</i> , strain CL07T12C05)	≥ 99% identical to GenBank: AGXN01000030 (<i>B. fragilis</i> , strain CL07T12C05)
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. fragilis*, strain CL07T12C05 was deposited by Laurie E. Comstock, PhD, Associate Microbiologist, Department of Medicine, Channing Laboratory, Brigham and Women's Hospital, Harvard Medical School, Boston, Massachusetts. HM-710 was produced by inoculation of the deposited material into Modified Reinforced Clostridial broth and incubated on Tryptic Soy agar with 5% defibrinated sheep blood for 77 hours at 37°C in an anaerobic atmosphere (80% N₂: 20% CO₂). The material from the initial growth was passaged twice in Modified Reinforced Clostridial broth for 71 hours at 37°C in an anaerobic atmosphere to produce this lot. Purity of this lot was assessed for 7 days under propagation conditions.

³71 hours at 37°C and anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood

Figure 1**Date:** 03 APR 2014**Signature:****Title:**

Technical Manager, BEI Authentication or designee

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