

Certificate of Analysis for HM-287

Clostridium* sp., Strain HGF2*Catalog No. HM-287****Product Description:** *Clostridium* sp., strain HGF2 is a human gastrointestinal isolate.**Lot^{1,2}: 59774037****Manufacturing Date: 15FEB2011**

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³	Gram-positive rod Report results	Gram-positive rod Circular, low convex, entire, glistening and gray (Figure 1)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1400 base pairs)	≥ 99% identical to depositor's sequence Consistent with <i>Clostridium</i> sp.	Pending Consistent with <i>Clostridium</i> sp.
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*Clostridium* sp., strain HGF2 was deposited by Thomas M. Schmidt, Professor, Department of Microbiology and Molecular Genetics, Michigan State University, East Lansing, Michigan. The deposited material was inoculated into Modified Reinforced Clostridial Broth ([ATCC medium 2107](#)) and incubated for 72 hours at 37°C and anaerobic atmosphere (80% N₂:10% CO₂:10% H₂). The material from the initial growth was passaged once in Modified Reinforced Clostridial Broth for 24 hours at 37°C and anaerobic atmosphere to produce this lot.

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

Figure 1**Date:** 06 JUN 2011**Signature:****Title:**

Technical Manager, BEI Authentication or designee

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