

***Clostridium innocuum*, Strain 6_1_30**

Catalog No. HM-173

Product Description: *Clostridium innocuum* (*C. innocuum*), strain 6_1_30 was isolated in 2007 from the colon of a patient undergoing a colon cancer screen procedure in Calgary, Alberta, Canada.

Lot^{1,2}: 70005395

Manufacturing Date: 17MAY2017

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³ Motility (wet mount)	Gram-positive rod Report results Report results	Gram-positive rod Circular, raised, undulate, opaque and gray (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1410 base pairs) (~ 1460 base pairs)	≥ 99% sequence identity to <i>C. innocuum</i> type strain (Genbank: M23732.2) Consistent with <i>C. innocuum</i>	98.4% sequence identity to <i>C. innocuum</i> type strain (Genbank: M23732.2) ⁴ Consistent with <i>C. innocuum</i>
Purity (post-freeze) Anaerobic growth ⁵ Aerobic growth ⁶	Consistent with expected colony morphology No growth	Consistent with expected colony morphology 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*C. innocuum*, strain 6_1_30 was deposited by Emma Allen-Vercoe, Assistant Professor, Department of Molecular and Cellular Biology, University of Guelph, Guelph, Ontario, Canada. Lot 70005395 of HM-173 was produced by inoculation of HMS-173 (Lot: 59476582) into Modified Reinforced Clostridial broth and incubated for 1 day at 37°C in an anaerobic atmosphere (< 0.5% O₂; Remel™ AnaeroPack®). The material from the initial growth was passaged once in Modified Reinforced Clostridial broth for 1 day at 37°C in an anaerobic atmosphere to produce this lot.

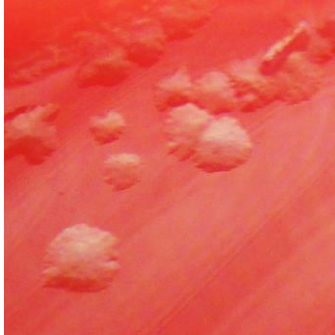
³1 day at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood

⁴*C. innocuum*, strain 6_1_30 has a ≥ 99% sequence identity to other *C. innocuum* strains.

⁵Purity of this lot was assessed for 8 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood.

⁶Purity of this lot was assessed for 8 days at 37°C in an aerobic atmosphere with 5% CO₂ on Tryptic Soy agar with 5% defibrinated sheep blood.

Figure 1: Colony Morphology



Certificate of Analysis for HM-173

Date: 28 JUL 2017

Signature:



BEI Resources Authentication

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