

***Clostridium symbiosum*, Strain WAL-14673**

**Catalog No. HM-319**

**Product Description:** *Clostridium symbiosum* (*C. symbiosum*), strain WAL-14673 was isolated from the stool of a normal male child.

**Lot<sup>1,2</sup>: 70009966**

**Manufacturing Date: 25OCT2017**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology <sup>3</sup>  Motility (wet mount)	Gram-negative rods Report results  Report results	Gram-negative rods Circular, raised, entire and translucent (Figure 1) Motile
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 720 base pairs)	≥ 99% sequence identity to <i>C. symbiosum</i> , strain WAL-14673 (GenBank: ADLR01000157.1)	100% sequence identity to <i>C. symbiosum</i> , strain WAL-14673 (GenBank: ADLR01000157.1)
<b>Purity (post-freeze)</b> Anaerobic growth <sup>4</sup>  Aerobic growth <sup>5</sup>	Consistent with expected colony morphology No growth	Consistent with expected colony morphology No growth
<b>Viability (post-freeze)<sup>3</sup></b>	Growth	Growth

<sup>1</sup>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.

<sup>2</sup>*C. symbiosum*, strain WAL-14673 was deposited by Emma Allen-Vercoe, Department of Molecular and Cellular Biology, University of Guelph, Guelph, Ontario, Canada. HM-319 lot 70009966 was produced by inoculation of BEI Resources HMS-319 lot 60609298 into Modified Reinforced Clostridial broth and incubated for 1 day at 37°C in an anaerobic atmosphere (< 5% O<sub>2</sub>; Remel™ Pack-Anaero™). 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.

<sup>3</sup>2 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood

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

<sup>5</sup>Purity of this lot was assessed for 7 days at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub> on Tryptic Soy agar with 5% defibrinated sheep blood.

**Figure 1: Colony Morphology**



**Date:** 02 FEB 2018

**Signature:**

BEI Resources Authentication

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