

***Clostridium symbiosum*, Strain WAL-14163**

**Catalog No. HM-309**

**Product Description:** *Clostridium symbiosum* (*C. symbiosum*), strain WAL-14163 was isolated from the stool of an autistic male child.

**Lot<sup>1,2</sup>: 60096270**

**Manufacturing Date: 29JUL2011**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology <sup>3</sup>	Gram-positive/Gram-variable rod Report results	Gram-positive rod Circular, low convex, entire and gray (Figure 1)
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1390 base pairs)	≥ 99% identical to depositor's sequence Consistent with <i>C. symbiosum</i>	≥ 99% identical to depositor's sequence Consistent with <i>C. symbiosum</i>
<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-14163 was deposited by Emma Allen-Vercoe, Department of Molecular and Cellular Biology, University of Guelph, Guelph, Ontario, Canada. The deposited material was inoculated into Modified Chopped Meat Medium ([ATCC medium 1490](#)) and incubated for 72 hours at 37°C and anaerobic atmosphere (80% N<sub>2</sub>:10% CO<sub>2</sub>:10% H<sub>2</sub>). The material from the initial growth was passaged twice in Modified Chopped Meat Medium for 48 hours at 37°C and anaerobic atmosphere to produce this lot.

<sup>3</sup>48 hours at 37°C and anaerobic atmosphere on Tryptic Soy Agar with 5% defibrinated sheep blood

**Figure 1**



**Date:** 10 NOV 2011

**Signature:**

**Title:**

Technical Manager, BEI Authentication or designee

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