

***Oxalobacter formigenes*, Strain OxCC13**

**Catalog No. HM-1**

**Product Description:** *Oxalobacter formigenes* (*O. formigenes*), strain OxCC13 was isolated in 1995 from a fecal sample from healthy adult male in Ulm, Germany.

**Lot<sup>1</sup>: 58831236**

**Manufacturing Date: 19OCT2009**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology	Gram-negative rod	Gram-negative rod
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1460 base pairs)	Consistent with <i>O. formigenes</i>	Consistent with <i>O. formigenes</i>
<b>PCR Assay of Extracted DNA</b> 16S ribosomal RNA gene	~ 1500 bp amplicon	~ 1500 bp amplicon
<b>Viability (post-freeze)<sup>2,3</sup></b>	Growth in broth	Growth in broth

<sup>1</sup>*O. formigenes*, strain OxCC13 was deposited by Professor Milton J. Allison, Department of Animal Sciences, Iowa State University, Ames, Iowa. HM-1 was produced by inoculation of the deposited material into Oxalate maintenance medium ([ATCC medium 1352](#)) and incubated for 72 hours at 37°C and anaerobic atmosphere (97% CO<sub>2</sub>:3% H<sub>2</sub>).

<sup>2</sup>48 hours at 37°C and anaerobic atmosphere (97% CO<sub>2</sub>:3% H<sub>2</sub>) in Oxalate maintenance medium

<sup>3</sup>*O. formigenes* grows very slowly on agar [Duncan, S. H., et al. "*Oxalobacter formigenes* and Its Potential Role in Human Health." *Appl. Environ. Microbiol.* 68 (2002): 3841-3847. PubMed: 12147479.]

**Date:** 08 OCT 2010

**Signature:** Signature on File

**Title:** Technical Manager, BEI Authentication or designee

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