

***Fusobacterium ulcerans*, Strain AC2\_8\_11 AN FAA D5 7**

**Catalog No. HM-1194**

**Product Description:** *Fusobacterium ulcerans* (*F. ulcerans*), strain AC2\_8\_11 AN FAA D5 7 was isolated from human stool in Guelph, Ontario, Canada.

**Lot<sup>1,2</sup>: 63980303**

**Manufacturing Date: 08JAN2016**

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, convex, entire, smooth and gray (Figure 1) Non-motile
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 930 base pairs)	≥ 99% sequence identity to depositor's sequence	100% sequence identity to depositor's sequence
<b>Purity (post-freeze)</b> Anaerobic atmosphere <sup>4</sup>  Aerobic atmosphere <sup>5</sup>	Growth consistent with expected colony morphology No growth	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.

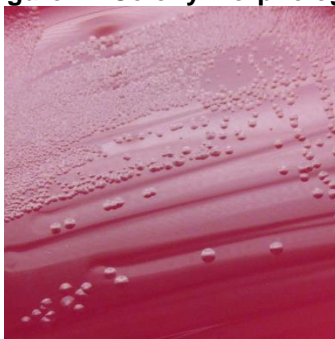
<sup>2</sup>*F. ulcerans*, strain AC2\_8\_11\_AN FAA D5 7 was deposited by Assistant Professor Emma Allen-Vercoe, Department of Molecular and Cellular Biology, University of Guelph, Guelph, Ontario, Canada. The deposited material was inoculated into Modified Chopped Meat medium and incubated for 1 day at 37°C in an anaerobic atmosphere (< 5% O<sub>2</sub>; Remel™ Pack-Anaero™). The material from the initial growth was passaged once on Tryptic Soy agar with 5% defibrinated sheep blood for 1 day at 37°C in an anaerobic atmosphere. Colonies were suspended in Modified Chopped Meat medium and used to inoculate Tryptic Soy agar with 5% defibrinated sheep blood kolles which were grown for 1 day at 37°C in an anaerobic atmosphere to produce this lot.

<sup>3</sup>1 day 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 8 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 8 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**



## Certificate of Analysis for HM-1194

**Date:** 16 MAY 2016

**Signature:** 

BEI Resources Authentication

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