

**Actinomyces israelii, Strain F0345**

**Catalog No. HM-98**

**Product Description:** *Actinomyces israelii*, strain F0345 was isolated from a human oral cavity.

**Lot<sup>1,2</sup>: 59994690**

**Manufacturing Date: 19DEC2011**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology <sup>3</sup>	Report results Report results	Gram-positive rod Pinpoint and white (Figure 1)
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1420 base pairs)	≥ 99% identical to depositor's sequence Consistent with <i>Actinomyces israelii</i>	≥ 99% identical to depositor's sequence Consistent with <i>Actinomyces israelii</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>*Actinomyces israelii*, strain F0345 was deposited by Jacques Izard, Assistant Member of the Staff, Department of Molecular Genetics, The Forsyth Institute, Boston, Massachusetts. The deposited material was inoculated into Actinomyces Broth ([ATCC medium 7](#)) and incubated for 72 hours at 37°C in an 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 once in Actinomyces Broth for 96 hours at 37°C in an anaerobic atmosphere to produce this lot.

<sup>3</sup>96 hours at 37°C in an anaerobic atmosphere on Tryptic Soy Agar with 5% defibrinated sheep blood

**Figure 1**



**Date:** 05 JUN 2012

**Signature:** 

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

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