

# Certificate of Analysis for NR-32065

**Enterococcus faecium, Strain UAA714**

**Catalog No. NR-32065**

**Product Description:** *Enterococcus faecium* (*E. faecium*), strain UAA714 was isolated in 1994 in Aix-en-Provence, France.

**Lot<sup>1</sup>: 62059272**

**Manufacturing Date: 25SEP2013**

| TEST  | SPECIFICATIONS   | RESULTS   |
|---|--|---|
| <b>Phenotypic Analysis</b><br>Cellular morphology<br>Colony morphology <sup>2</sup><br><br>Hemolysis <sup>2</sup><br>Motility (wet mount)<br>Analytical profile index (API <sup>®</sup> 20 Strep) | Gram-positive cocci<br>Report results<br><br>Non-hemolytic or $\alpha$ -hemolytic<br>Report results<br>Consistent with <i>E. faecium</i> | Gram-positive cocci<br>Circular, low convex, entire, smooth and gray (Figure 1)<br>$\alpha$ -hemolytic<br>Non-motile<br>Consistent with <i>E. faecium</i> |
| <b>Genotypic Analysis</b><br>Sequencing of 16S ribosomal RNA gene (~ 920 base pairs)  | Consistent with <i>E. faecium</i>  | Consistent with <i>E. faecium</i> <sup>3</sup>  |
| <b>Viability (post-freeze)<sup>2</sup></b>  | Growth   | Growth  |

<sup>1</sup>*E. faecium*, strain UAA714 (also referred to as EnGen0158) was deposited by Michael S. Gilmore, Sir William Osler Professor of Ophthalmology, Department of Ophthalmology, Massachusetts Eye and Ear Infirmary, Boston, Massachusetts, USA. NR-32065 was produced by inoculation of the deposited material into Tryptic Soy broth and incubated for 24 hours at 37°C in an aerobic atmosphere. Broth inoculum was added to Tryptic Soy agar with 5% defibrinated sheep blood kolles which were grown 24 hours at 37°C in an aerobic atmosphere to produce this lot. Purity of this lot was assessed for 7 days under propagation conditions.

<sup>2</sup>24 hours at 37°C in an aerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood

<sup>3</sup>≥ 99% identical to GenBank: AIUF01000001 (*E. faecium*, strain UAA714)

**Figure 1**



**Date:** 14 JAN 2014

**Signature:**

**Title:**

Technical Manager, BEI Authentication or designee

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