

**Enterococcus faecium, Strain E1604**

**Catalog No. NR-31935**

**Product Description:** *Enterococcus faecium* (*E. faecium*), strain E1604 was isolated in 1956 from cheese in Norway.

**Lot<sup>1</sup>: 64220042**

**Manufacturing Date: 04MAY2016**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis<sup>2</sup></b> Cellular morphology Colony morphology <sup>3</sup>  Motility (wet mount) VITEK <sup>®</sup> MS (MALDI-TOF)	Gram-positive cocci Report results  Report results <i>E. faecium</i>	Gram-positive cocci Circular, convex, entire, smooth and cream (Figure 1) Non-motile <i>E. faecium</i> (99.9%)
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 760 base pairs)	≥ 99% sequence identity to <i>E. faecium</i> , strain E1604 (GenBank: AHXD01000003.1)	100% sequence identity to <i>E. faecium</i> , strain E1604 (GenBank: AHXD01000003.1) <sup>4</sup>
<b>Purity (post-freeze)<sup>5</sup></b>	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
<b>Viability (post-freeze)<sup>2</sup></b>	Growth	Growth

<sup>1</sup>NR-31935 was produced by inoculation of the deposited material into Tryptic Soy broth and incubated for 1 day at 37°C in an aerobic atmosphere. Broth inoculum was added to Tryptic Soy agar kolles, which were grown for 1 day at 37°C in an aerobic atmosphere to produce this lot.

<sup>2</sup>*Enterococcus* species are differentiated from *Streptococcus* species through hemolytic activity. This item was not tested for hemolytic activity as the 16S sequence and VITEK<sup>®</sup> MS (MALDI-TOF) results clearly identified the organism as *Enterococcus*.

<sup>3</sup>1 day at 37°C in an aerobic atmosphere on Tryptic Soy agar

<sup>4</sup>Also consistent with other *Enterococcus* species

<sup>5</sup>Purity of this lot was assessed for 7 days at 37°C in an aerobic atmosphere on Tryptic Soy agar.

**Figure 1: Colony Morphology**



**Date:** 13 JUL 2016

**Signature:**

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