

## **Certificate of Analysis for NR-8047**

Francisella tularensis subsp. novicida, "Two-Allele" Transposon Mutant Library, Plate 13 (tnfn1 pw060328p05)

Catalog No. NR-8047

Product Description: NR-8047 represents Plate 13 (tnfn1 pw060328p05) of the "two-allele" 3050-member sublibrary of a comprehensive 16508-member transposon mutant library of sequence-defined transposon insertion mutants of Francisella tularensis subsp. novicida, strain U112. Note: Strain tnfn1 pw060328p08q143 (Well C06) is not available due to quality issues.

Lot1: 57926526 Manufacturing Date: 15DEC2007

TEST	SPECIFICATIONS	RESULTS
Viability (post-freeze) <sup>1</sup>	Report results	Growth from all wells
Purity (post-freeze) <sup>1</sup>	Report results	Single colony type consistent with F. tularensis subsp. novicida from all wells

<sup>&</sup>lt;sup>1</sup>24 hours at 37°C and aerobic atmosphere with 5% CO<sub>2</sub> on chocolate agar

**Date:** 20 JUL 2009 **Signature:** Signature on File

> Title: Technical Manager, BEI Authentication or designee

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