

## **Certificate of Analysis for NR-13545**

## Staphylococcus aureus, Strain F39952

Catalog No. NR-13545

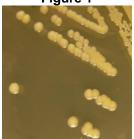
**Product Description:** Staphylococcus aureus (S. aureus), strain F39952 was isolated in August 2006 from a Stanford Hospital patient in Palo Alto, California, U.S.A.

Lot<sup>1</sup>: 59982809 Manufacturing Date: 20MAY2011

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology <sup>2</sup> Oxacillin resistance <sup>3</sup> β-Hemolysis on blood agar Analytical profile index (API Staph®) <sup>4</sup> Catalase	Gram-positive cocci Report results Resistant Report results Consistent with S. aureus Positive	Gram-positive cocci Circular, entire and cream (Figure 1) Resistant Positive Consistent with S. aureus Positive
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1400 base pairs) Riboprinter® Microbial Characterization System  Viability (post-freeze) <sup>5</sup>	Consistent with <i>S. aureus</i> Consistent with <i>S. aureus</i> Growth	Consistent with S. aureus Consistent with S. aureus Growth

<sup>&</sup>lt;sup>1</sup>S. aureus, strain F39952 was deposited by Kristien Mortelmans, Ph.D., Director, Microbiology Program, Biosciences Division, SRI International, Menlo Park, California. NR-13545 was produced by inoculation of the deposited material into Brain Heart Infusion Broth and grown 24 hours at 37°C. Broth inoculum was added to Kolles which were grown 24 hours at 37°C to produce this lot.

Figure 1



**Date:** 31 AUG 2011

Signature:

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

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<sup>&</sup>lt;sup>2</sup>24 hours at 37°C and aerobic atmosphere on Brain Heart Infusion Agar

<sup>&</sup>lt;sup>3</sup>24 hours at 37°C and aerobic atmosphere on Mueller Hinton Agar containing 6 μg/mL Oxacillin and 4% NaCl (Oxacillin Screen Agar BBL™ 221952)

<sup>&</sup>lt;sup>4</sup>The API Staph® identification includes a test for Lysostaphin resistance that was not completed for NR-13542. NR-13542 is identified as *S. aureus* by the API Staph® test regardless of the Lysostaphin resistance test results.

<sup>&</sup>lt;sup>5</sup>24 hours at 37°C and aerobic atmosphere on Tryptic Soy Agar with 5% sheep blood