

Certificate of Analysis for NR-13544

Staphylococcus aureus, Strain F336222

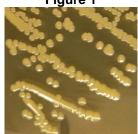
Catalog No. NR-13544

Product Description: Staphylococcus aureus (S. aureus), strain F336222 was isolated in August 2006 from the blood culture of a Stanford Hospital patient in Palo Alto, California, U.S.A.

Lot¹: 59982808 Manufacturing Date: 20MAY2011

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology	Gram-positive cocci	Gram-positive cocci
Colony morphology ²	Report results	Circular, peaked, entire, and cream (Figure 1)
Oxacillin resistance ³	Resistant	Resistant
β-Hemolysis on blood agar	Report results	Positive
Analytical profile index (API Staph®)4	Consistent with S. aureus	Consistent with S. aureus
Catalase	Positive	Positive
Genotypic Analysis		
Sequencing of 16S ribosomal RNA gene (~ 1380 base pairs)	Consistent with S. aureus	Consistent with S. aureus
Riboprinter® Microbial Characterization System	Consistent with S. aureus	Consistent with S. aureus
Viability (post-freeze) ²	Growth	Growth

¹S. aureus, strain F336222 was deposited by Kristien Mortelmans, Ph.D., Director, Microbiology Program, Biosciences Division, SRI International, Menlo Park, California. NR-13544 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.



Date: 08 SEP 2011

Signature:

Title: Technical Manager, BEI Authentication or designee

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²24 hours at 37°C and aerobic atmosphere on Brain Heart Infusion Agar

³24 hours at 37°C and aerobic atmosphere on Mueller Hinton Agar containing 6 μg/mL Oxacillin and 4% NaCl (Oxacillin Screen Agar BBL™ 221952)

⁴The API Staph® identification includes a test for Lysostaphin resistance that was not completed for NR-13544. NR-13544 is identified as S. aureus by the API Staph® test regardless of the Lysostaphin resistance test results.