

Staphylococcus aureus, Strain F003B2N-C

Catalog No. NR-30546

Product Description: *Staphylococcus aureus* (*S. aureus*), strain F003B2N-C was isolated as a nasal colonizing strain. *S. aureus*, strain F003B2N-C is a methicillin-sensitive *S.aureus* (MSSA) strain and sensitive to many other antibiotics, including erythromycin, penicillin, oxacillin, clindamycin, vancomycin, ciprofloxacin, tetracycline, rifampin, linezolid and ceftriaxone.

Lot¹: 62138705

Manufacturing Date: 01NOV2013

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Motility (wet mount) Hemolysis ² Biochemical characterization: Analytical profile index (API Staph [®]) ³ Catalase	Gram-positive cocci Report results Report results Report results Consistent with <i>S. aureus</i> Positive	Gram-positive cocci Circular, low convex, entire, smooth and cream (Figure 1) Non-motile β-hemolytic Consistent with <i>S. aureus</i> Positive
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 910 base pairs) Riboprinter [®] Microbial Characterization System	Consistent with <i>S. aureus</i> Consistent with <i>S. aureus</i>	Consistent with <i>S. aureus</i> Consistent with <i>S. aureus</i>
Viability (post-freeze)²	Growth	Growth

¹NR-30546 was produced by inoculation of the deposited material into Tryptic Soy broth and grown 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.

²24 hours at 37°C and aerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood

³The API Staph[®] identification includes a test for lysostaphin resistance that was not completed for NR-30546. NR-30546 is identified as *S. aureus* by the API Staph[®] test regardless of the lysostaphin resistance test results.

Figure 1



Date: 15 FEB 2014

Signature: 

Title: Technical Manager, BEI Authentication or designee

ATCC[®], on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC[®]'s knowledge.

ATCC[®] is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.

