

***Streptococcus agalactiae*, Strain SGBS003**
Catalog No. NR-44127
Product Description: *Streptococcus agalactiae* (*S. agalactiae*), strain SGBS003 was isolated in 1994 from the blood of a bacteremia patient in Harris County, Texas, USA.

Lot¹: 63780680
Manufacturing Date: 08OCT2015

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Motility (wet mount) Hemolysis on blood agar ² Biochemical tests: Catalase VITEK [®] MS (MALDI-TOF)	Gram-positive cocci Report results Report results Report results Negative Consistent with <i>S. agalactiae</i>	Gram-positive cocci Circular, raised, entire, smooth and white (Figure 1) Non-motile β-hemolytic Negative Consistent with <i>S. agalactiae</i>
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1440 base pairs)	Consistent with <i>S. agalactiae</i>	Consistent with <i>S. agalactiae</i> ^{3,4}
Purity (post-freeze)⁵	Consistent with expected colony morphology	Consistent with expected colony morphology
Viability (post-freeze)²	Growth	Growth

¹NR-44127 was produced by inoculation of the deposited material into Tryptic Soy broth, which was used to inoculate a Tryptic Soy agar slant and grown for 1 day at 37°C in an aerobic atmosphere with 5% CO₂. After a hold at room temperature for 5 days, colonies from agar growth were used to inoculate Tryptic Soy broth and grown for 1 day at 37°C in an aerobic atmosphere with 5% CO₂. Broth inoculum was added to Tryptic Soy agar with 5% defibrinated sheep blood kolles which were grown 1 day at 37°C in an aerobic atmosphere with 5% CO₂ to produce this lot

²1 day on Tryptic Soy agar with 5% defibrinated sheep blood at 37°C in an aerobic atmosphere with 5% CO₂
³100% sequence identity to *S. agalactiae*, strain SGBS003 (GenBank: AUVS01000021.1)

⁴Also consistent with *Streptococcus difficilis*
⁵Purity of this lot was assessed for 7 days on Tryptic Soy agar with 5% defibrinated sheep blood at 37°C in an aerobic atmosphere with 5% CO₂
Figure 1: Colony Morphology


Certificate of Analysis for NR-44127**Date:** 19 NOV 2015**Signature:**

BEI Resources Authentication

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.

