

***Streptococcus pneumoniae*, Strain 1089534**

**Catalog No. NR-56682**

**Product Description:**

*Streptococcus pneumoniae* (*S. pneumoniae*), strain 1089534 was isolated in 2014 from an abscess sample of a 1-year-old male in Australia. It was deposited as resistant to ampicillin, ceftriaxone, erythromycin, penicillin, tetracycline and trimethoprim/sulfamethoxazole. NR-56682 was produced by inoculation of the deposited material into Brain Heart Infusion broth and grown for 1 day at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub>. Broth inoculum was added to Tryptic Soy agar with 5% defibrinated sheep blood kolles, which were grown for 1 day at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub> to produce this lot. Quality control testing was completed under propagation conditions unless otherwise noted.

**Lot: 70064727**

**Manufacturing Date: 16JAN2020**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology Hemolysis Motility (wet mount)	Gram-positive cocci Report results α-hemolytic Report results	Gram-positive cocci Circular, entire, flat and translucent α-hemolytic Non-motile
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene	Consistent with <i>S. pneumoniae</i>	Consistent with <i>S. pneumoniae</i>
<b>Purity (post-freeze)</b> 9 days at 37°C in an aerobic atmosphere with 5% CO <sub>2</sub> on Tryptic Soy agar with 5% defibrinated sheep blood	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
<b>Viability (post-freeze)</b>	Growth	Growth

/Sonia Bjorum Brower/  
 Sonia Bjorum Brower

19 MAY 2025

Technical Manager or designee, ATCC Federal Solutions

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.

