

***Streptococcus pneumoniae*, Strain 1085920**

**Catalog No. NR-56681**

**Product Description:**

*Streptococcus pneumoniae* (*S. pneumoniae*), strain 1085920 was isolated in 2014 from a sputum sample of a 69-year-old male in South Korea. It was deposited as resistant to ampicillin, ceftriaxone, erythromycin, penicillin, tetracycline and trimethoprim/sulfamethoxazole. NR-56681 was produced by inoculation of the deposited material into Heart Brain 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 with 5% defibrinated sheep blood agar 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: 70064726**

**Manufacturing Date: 17JAN2020**

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, pinpoint, 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

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