

***Streptococcus pneumoniae*, Strain 1124743**

**Catalog No. NR-56685**

**Product Description:**

*Streptococcus pneumoniae* (*S. pneumoniae*), strain 1124743 was isolated in 2014 from a sputum sample of a 54-year-old female in Russia. It was deposited as resistant to ampicillin, ceftriaxone, erythromycin, penicillin, tetracycline and trimethoprim/sulfamethoxazole. NR-56685 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: 70065505**

**Manufacturing Date: 15JAN2020**

| TEST  | SPECIFICATIONS   | RESULTS  |
|---|--|--|
| <b>Phenotypic Analysis</b><br>Cellular morphology<br>Colony morphology<br>Hemolysis<br>Motility (wet mount)   | Gram-positive cocci<br>Report results<br>α-hemolytic<br>Report results | Gram-positive cocci<br>Pinpoint, flat and translucent<br>α-hemolytic<br>Non-motile |
| <b>Genotypic Analysis</b><br>Sequencing of 16S ribosomal RNA gene   | Consistent with <i>S. pneumoniae</i>                                   | Consistent with <i>S. pneumoniae</i>   |
| <b>Purity (post-freeze)</b><br>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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19 MAY 2025

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