

**Serratia marcescens, Strain 894356**

**Catalog No. NR-56675**

**Product Description:**

*Serratia marcescens* (*S. marcescens*), strain 894356 was isolated in 2012 from a sputum sample of a 67-year-old male in Taiwan. It was deposited as resistant to cefepime, ceftazidime, ceftazidime/avibactam, ceftriaxone, ciprofloxacin, colistin, colistin-P80, doripenem, imipenem, levofloxacin and meropenem. NR-56675 was produced by inoculation of the deposited material into Tryptic Soy broth and grown for 1 day at 37°C in an aerobic atmosphere. The material from the initial growth was passaged in Tryptic Soy agar kolles for 1 day at 37°C in an aerobic atmosphere to produce this lot. Quality control testing was completed under propagation conditions unless otherwise noted.

**Lot: 70059678**

**Manufacturing Date: 13NOV2019**

| TEST  | SPECIFICATIONS   | RESULTS   |
|---|--|---|
| <b>Phenotypic Analysis</b><br>Cellular morphology<br>Colony morphology<br>Motility (wet mount)                    | Gram-negative rods<br>Report results<br>Report results | Gram-negative rods<br>Circular, low convex, entire and opaque<br>Motile |
| <b>Genotypic Analysis</b><br>Sequencing of 16S ribosomal RNA gene   | Consistent with <i>Serratia marcescens</i>             | Consistent with <i>Serratia marcescens</i>                              |
| <b>Purity (post-freeze)</b><br>7 days at 37°C in an aerobic atmosphere on<br>Tryptic Soy with 5% sheep blood agar | Growth consistent with expected<br>colony morphology   | Growth consistent with expected<br>colony morphology                    |
| <b>Viability (post-freeze)</b>  | Growth   | Growth  |

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