

***Citrobacter freundii*, Strain 974673**

Catalog No. NR-56588

Product Description:

Citrobacter freundii (*C. freundii*), strain 974673 was isolated in 2013 from a urine sample of a 49-year-old male in China. It was deposited as resistant to amikacin, aztreonam, cefepime, ceftazidime, ceftazidime/avibactam, ceftriaxone, ciprofloxacin, doripenem, imipenem, levofloxacin, meropenem and piperacillin/ tazobactam. NR-56588 was produced by inoculation of the deposited material into Tryptic Soy broth and grown for 1 day at 37°C in an aerobic atmosphere. Broth inoculum was added to Tryptic Soy agar kolle, which was grown 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: 70061611

Manufacturing Date: 15NOV2019

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

/Sonia Bjorum Brower/

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25 JAN 2024

Technical Manager or designee, ATCC Federal Solutions

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