

**Citrobacter freundii, Strain 1049882**

**Catalog No. NR-56585**

**Product Description:**

*Citrobacter freundii* (*C. freundii*), strain 1049882, was isolated in 2013 from a bronchoalveolar lavage sample of a 44-year-old male in Russia. It was deposited as resistant to aztreonam, cefepime, ceftazidime, ceftriaxone, ciprofloxacin, levofloxacin and piperacillin/tazobactam. NR-56585 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 broth 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: 70055871**

**Manufacturing Date: 13NOV2019**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology 1 day at 37°C in an aerobic atmosphere on Tryptic Soy agar Motility (wet mount)	Gram-negative rods Report results  Report results	Gram-negative rods Circular, low convex, entire and glistening  Motile
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene	Consistent with <i>C. freundii</i>	Consistent with <i>C. freundii</i>
<b>Purity (post-freeze)</b> 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
<b>Viability (post-freeze)</b> 1 day at 37°C in an aerobic atmosphere on Tryptic Soy agar	Growth	Growth

/Sonia Bjorum Brower/  
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15 MAY 2023

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