

***Pseudomonas aeruginosa*, Strain MRSN 26263**

**Catalog No. NR-51601**

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### Product Description:

*Pseudomonas aeruginosa* (*P. aeruginosa*), strain MRSN 26263 was isolated in 2014 from a human respiratory sample as part of a surveillance program in the United States. *P. aeruginosa*, strain MRSN 26263 was deposited as sensitive to piperacillin/tazobactam, cefepime, levofloxacin, amikacin, gentamicin, aztreonam, meropenem and imipenem and resistant to tobramycin and ciprofloxacin with intermediate resistance to ceftazidime.

**Lot: 70025108<sup>1</sup>**

**Manufacturing Date: 18JUL2019**

[illegible]

<sup>1</sup>NR-51601 was produced by inoculation of the depositor 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 kolles, which were grown for 1 day at 37°C in an aerobic atmosphere to produce this lot.

<sup>2</sup>1 day at 37°C in an aerobic atmosphere on Tryptic Soy agar

<sup>3</sup>Minimum Inhibitory Concentration (MIC); MIC Interpretation Guideline: CLSI M100-S28 (2018)

<sup>4</sup>Sensititre™ Gram Negative GN2F with colistin, Thermo Scientific™, catalog number GN2F

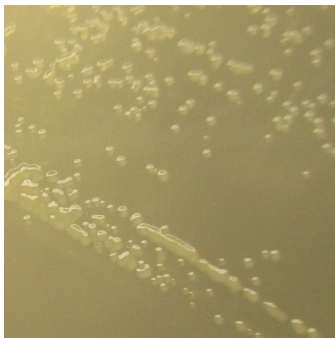
<sup>5</sup>No Clinical & Laboratory Standards Institute (CLSI) interpretation for this antibiotic is currently available.

<sup>6</sup>Results manually read

<sup>7</sup>Trimethoprim/sulfamethoxazole MIC interpretive standards are not available for *P. aeruginosa*, however most clinical isolates are resistant to trimethoprim/sulfamethoxazole. For more information, please refer to Köhler, T., et al. "Multidrug Efflux in Intrinsic Resistance to Trimethoprim and Sulfamethoxazole in *Pseudomonas aeruginosa*." *Antimicrob. Agents Chemother.* 40 (1996): 2288-2290. PubMed: 9036831.

<sup>8</sup>Purity of this lot was assessed for 7 days at 37°C in an aerobic atmosphere with and without 5% CO<sub>2</sub> on Tryptic Soy agar.

**Figure 1: Colony Morphology**



/Heather Couch/

Heather Couch

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Program Manager or designee, ATCC Federal Solutions

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