



Certificate of Analysis: Lyophilized Microorganism Specification and Performance Upon Release

|                                                                                                                                                                                                                                                |                                                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Specifications</b><br><b>Microorganism Name:</b> Pseudomonas aeruginosa<br><b>Catalog Number:</b> 0353<br><b>Lot Number:</b> 353-350**<br><b>Reference Number:</b> ATCC® 27853™*<br><b>Purity:</b> Pure<br><b>Passage from Reference:</b> 3 | <b>Expiration Date:</b> 2020/3/31<br><b>Release Information:</b><br><b>Quality Control Technologist:</b> Mary L Bowman<br><b>Release Date:</b> 2018/4/10 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|

| Performance                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Macroscopic Features:</b><br>Two colony types: Large, flat, circular to irregular shaped, gray with silver sheen(98%); And small and compact | <b>Medium:</b><br>SBAP                                                                                                                                                                                                                                                                                                                       |
| <b>Microscopic Features:</b><br>Straight or slightly curved gram negative rod                                                                   | <b>Method:</b><br>Gram Stain (1)                                                                                                                                                                                                                                                                                                             |
| <b>ID System:</b> MALDI-TOF (1)<br>See attached ID System results document.                                                                     | <b>Other Features/ Challenges: Results</b><br>(1) Oxidase (Kovacs): positive<br>(1) Motility B Medium: positive<br>(1) Gentamicin (10 mcg - Disk Susceptibility): 16 - 21 mm<br><br><br>Amanda Kuperus<br>Quality Control Manager<br>AUTHORIZED SIGNATURE |

\*\*Disclaimer: The last digit(s) of the lot number appearing on the product label and packing slip are merely a packaging event number. The lot number displayed on this certificate is the actual base lot number.

Note for Vitek®: Although the Vitek® panel uses many conventional tests, the unique environment of the card, combined with the short incubation period, may produce results that differ from published results obtained by other methods.

⚠ Refer to the enclosed product insert for instructions, intended use and hazard/safety information.

Individual products are traceable to a recognized culture collection.



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(1) These tests are accredited to ISO/IEC 17025:2005.



# Bruker Daltonik MALDI Biotyper Classification Results



## Meaning of Score Values

| Range       | Interpretation                      | Symbols | Color  |
|-------------|-------------------------------------|---------|--------|
| 2.00 - 3.00 | High-confidence identification      | (+++)   | green  |
| 1.70 - 1.99 | Low-confidence identification       | (+)     | yellow |
| 0.00 - 1.69 | No Organism Identification Possible | (-)     | red    |

## Meaning of Consistency Categories (A - C)

| Category | Interpretation                                                                                                                                                                                                                                                                                                                 |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (A)      | <b>High consistency:</b> The best match is a high-confidence identification. The second-best match is (1) a high-confidence identification in which the species is identical to the best match, (2) a low-confidence identification in which the species or genus is identical to the best match, or (3) a non-identification. |
| (B)      | <b>Low consistency:</b> The requirements for high consistency are not met. The best match is a high- or low-confidence identification. The second-best match is (1) a high- or low-confidence identification in which the genus is identical to the best match or (2) a non-identification.                                    |
| (C)      | <b>No consistency:</b> The requirements for high or low consistency are not met.                                                                                                                                                                                                                                               |

Sample Name: Pseudomonas aeruginosa  
 Sample Description: 0353  
 Sample ID: 353-350  
 Sample Creation Date/Time: 2018-04-03T14:37:21.585 CC/MB  
 Applied MSP Library(ies): BDAL, Mycobacteria Library (bead method), Filamentous Fungi Library 1.0, Listeria

| Sample Name    | Sample ID | Organism (best match)  | Score Value |
|----------------|-----------|------------------------|-------------|
| F5<br>(+++)(A) | 353-350   | Pseudomonas aeruginosa | 2.48        |

Comments:

N/A