



Certificate of Analysis: Lyophilized Microorganism Specification and Performance Upon Release

|                                                                                                                                                                                                                                               |                                                                                                                                                            |
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| <b>Specifications</b><br><b>Microorganism Name:</b> Staphylococcus aureus<br><b>Catalog Number:</b> 0179<br><b>Lot Number:</b> 179-28<br><b>Reference Number:</b> ATCC® BAA-1026™*<br><b>Purity:</b> Pure<br><b>Passage from Reference:</b> 3 | <b>Expiration Date:</b> 2019/1/31<br><b>Release Information:</b><br><b>Quality Control Technologist:</b> Christine Condon<br><b>Release Date:</b> 2017/5/8 |
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| Performance                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Macroscopic Features:</b><br>Medium to large, circular, convex, entire edge, white turning cream.<br><b>Microscopic Features:</b><br>Gram positive cocci occurring singly, in pairs and in irregular clusters. | <b>Medium:</b><br>SBAP<br><b>Method:</b><br>Gram Stain (1)                                                                                                                                                                                                                                                                                                                                                                |
| <b>ID System:</b> MALDI-TOF<br>See attached ID System results document.                                                                                                                                           | <b>Other Features/ Challenges: Results</b><br>(1) Catalase (3% Hydrogen Peroxide): positive<br>(1) Coagulase (rabbit plasma-tube): positive<br>(1) Beta Lactamase (Cefinase Disk): positive<br>(1) Cefoxitin (30 mcg - Disk Susceptibility): $\leq 19$ 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.



TESTING CERT #2655.01

# 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: Staphylococcus aureus  
 Sample Description: 0179  
 Sample ID: 179-28  
 Sample Creation Date/Time: 2017-02-24T12:32:49.990 CC  
 Applied MSP Library(ies): BDAL, Mycobacteria Library (bead method), Filamentous Fungi Library 1.0, Listeria

| Sample Name    | Sample ID | Organism (best match) | Score Value |
|----------------|-----------|-----------------------|-------------|
| D3<br>(+++)(A) | 179-28    | Staphylococcus aureus | 2.31        |

Comments:

N/A