



Certificate of Analysis: Lyophilized Microorganism Specification and Performance Upon Release

Specifications

Microorganism Name: Staphylococcus aureus subsp. aureus

Catalog Number: 0360

Lot Number: 360-389**

Reference Number: ATCC® 25923™*

Purity: Pure

Passage from Reference: 3

Expiration Date: 2020/4/30

Release Information:

Quality Control Technologist: Christine Condon

Release Date: 2018/5/8

Performance

Macroscopic Features:

Medium to large, convex, entire edge, both white and pale white colonies, smooth, opaque, beta hemolytic

Medium:

SBAP

Microscopic Features:

Gram positive cocci occurring singly, in pairs and in irregular clusters

Method:

Gram Stain (1)

ID System: MALDI-TOF (1)

See attached ID System results document.

Other Features/ Challenges: Results

- (1) Catalase (3% Hydrogen Peroxide): positive
- (1) Coagulase (rabbit plasma - tube): positive
- (1) Beta Lactamase (Cefinase Disk): negative
- (1) Ampicillin (10 mcg - Disk Susceptibility): 27 - 35 mm
- (1) Penicillin (10 units - Disk Susceptibility): 26 - 37 mm
- (1) Oxacillin (1 mcg - Disk Susceptibility): 18 - 24 mm

Amanda Kuperus

Quality Control Manager

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)	High consistency: 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)	Low consistency: 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)	No consistency: The requirements for high or low consistency are not met.

Sample Name: Staphylococcus aureus subsp. aureus
 Sample Description: 0360
 Sample ID: 360-389
 Sample Creation Date/Time: 2018-05-01T16:17:06.727 TB
 Applied MSP Library(ies): BDAL, Mycobacteria Library (bead method), Filamentous Fungi Library 1.0, Listeria

Sample Name	Sample ID	Organism (best match)	Score Value
E1 (+++)(A)	360-389	Staphylococcus aureus	2.20

Comments:

N/A