



Certificate of Analysis: Lyophilized Microorganism Specification and Performance Upon Release

Specifications Microorganism Name: Staphylococcus aureus subsp. aureus Catalog Number: 0852 Lot Number: 852-60 Reference Number: ATCC® 43300™* Purity: > 99.9% of Total Pellet CFU Recovery: > 1000 CFUs per Pellet Passage from Reference: 3	Expiration Date: 2018/6/30 Release Information: Quality Control Technologist: Jennifer Holub Release Date: 2016/9/7
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Performance	
Macroscopic Features: Large, circular, convex, entire edge, cream, glistening; two colony types, one has large zone of beta hemolysis, the other is weakly 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 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): positive (1) Oxacillin (1 mcg - Disk Susceptibility): <= 10 mm (1) Oxacillin agar screen: growth (1) Cefoxitin (30 mcg - Disk Susceptibility): <= 21 mm  Brad Goskowicz, President AUTHORIZED SIGNATURE

Disclaimer: The last digit(s) of the lot number appearing on the packing slip is 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	Description	Symbols	Color
2.300 ... 3.000	highly probable species identification	(+++)	green
2.000 ... 2.299	secure genus identification, probable species identification	(++)	green
1.700 ... 1.999	probable genus identification	(+)	yellow
0.000 ... 1.699	not reliable identification	(-)	red

Meaning of Consistency Categories (A – C)

Category	Description
A	Species Consistency: The best match was classified as 'green' (see above). Further 'green' matches are of the same species as the first one. Further 'yellow' matches are at least of the same genus as the first one.
B	Genus Consistency: The best match was classified as 'green' or 'yellow' (see above). Further 'green' or 'yellow' matches have at least the same genus as the first one. The conditions of species consistency are not fulfilled.
C	No Consistency: Neither species nor genus consistency (Please check for synonyms of names or microbial mixture).

Analyte Name: Staphylococcus aureus subsp. aureus
 Analyte Description: 0852
 Analyte ID: 852-60
 Analyte Creation Date/Time: 2016-08-18T15:26:48.677 JH
 Applied MSP Library(ies): BDAL, Mycobacteria Library (bead method), Filamentous Fungi Library 1.0, IVD, Listeria
 Applied Taxonomy Tree:

Rank (Quality)	Matched Pattern	Score Value	NCBI Identifier
1(+++)	Staphylococcus aureus ssp aureus DSM 799 DSM	2.306	46170
2(++)	Staphylococcus aureus ssp aureus DSM 3463 DSM	2.296	46170
3(++)	Staphylococcus aureus ATCC 33862 THL	2.261	1280
4(++)	Staphylococcus aureus ssp aureus DSM 20491 DSM	2.186	46170
5(++)	Staphylococcus aureus ssp aureus DSM 346 DSM	2.183	46170
6(++)	Staphylococcus aureus ssp aureus DSM 20231T DSM	2.166	46170
7(++)	Staphylococcus aureus ssp aureus DSM 11822 DSM	2.157	46170
8(++)	Staphylococcus aureus ssp aureus DSM 4910 DSM	2.14	46170
9(++)	Staphylococcus aureus ATCC 25923 THL	2.131	1280
10(++)	Staphylococcus aureus ATCC 29213 THL	2.003	1280

Comments:

N/A