

Thermo Fisher Scientific Microbiology 12076 Santa Fe Trail Drive Lenexa, KS 66215 800.255.6730 800.447.5761 fax www.thermofisher.com

Certificate of Analysis - Accredited Reference Material

Thermo Scientific TM Trademark Product Number R4717016

Product Name S. aureus ATCC 6538 Q+ KT/100 TST

Lot Number 235209

Usage Decision Accepted (OK) Expiration Date 2026-08-20

This product has been manufactured, processed and packaged in accordance with Quality Systems Regulation, 21 CFR Part 820.

The results were derived from a representative sample of the batch and were obtained at the time of release.

Refer to the enclosed product insert for instructions, intended use, hazard/safety requirements, and storage conditions.

Product Char Results

Purity Demonstrates pure growth on applicable media

Viability Demonstrates pure growth on applicable media
Recovered at acceptable level within test period

Passage 2 (Current preserved state)

Delivery <100 CFU/0.1 mL

S. aureus ATCC 6538 Q+ KT/100 TST	Results	Specification					
>85% Identification on Vitek 2C GP	99	85 - 100 05 - 100					
>95% Identification on MicroSEQ CFU Mean	41	95 - 100 -					
Microscopic Features	Pass						

These tests are performed in accordance with ISO 17025 guidelines.

Thermo Fisher Scientific has determined each loop of this reference material to be sufficiently homogeneous for its intended use.

Individual products are traceable to a recognized culture collection.

Although the Vitek(TM) 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

Page 1 of 2 Printed on: 2025/06/27

Signed

Dawn Baker QA Manager

The identity, purity, and authenticity of the Licensed Products are exclusively the responsibility of Remel Inc. and not ATCC. The ATCC Licensed Derivative Emblem, the ATCC Licensed Derivative Word mark, and the ATCC Catalog Marks are trademarks of

ATCC.

Remel Inc. is licensed to use these trademarks and to sell products derived from ATCC® culture.





Thermo Fisher Scientific is accredited by A2LA as a registered reference material producer certificate number 6559.01 in accordance with ISO 17034[1].

[1] ISO 17034 First Edition 2016-11-01 General requirements for the competence of reference material producers

Version 1.0

Page 2 of 2 Printed on: 2025/06/27

Thermo Fisher Scientific

Laboratory Report

bioMérieux Customer: 1011208

System #: 504538

Autoprint Report Version: 1 of 1

Isolate: 235209-1 (To be reviewed)

Card Type: GP Bar Code: 2423163503652966 Testing Instrument: 00000B4D4CA6 (01783)

Setup Technologist: Amanda Wood(awood)

Contraindicating Typical Biopattern(s)

Bionumber: 010402062561271

Organism Quantity:

Selected Organism: Staphylococcus aureus

A 150 CO 100 CO	
Comments:	

McFarland:

			WICE at fail	u.		
Identification Information	Card: GP		Lot Number:	2423163503	Expires:	Jul 25, 2026 13:00 CDT
	Status:	Final	Analysis Time:	4.33 hours	Completed:	Jun 20, 2025 16:22 CDT
Organism Origin	VITEK 2					
Selected Organism	99% Prol Bionumb	oability er: 01040206	Staphylococc 2561271	lence: Excellent	identification	
Analysis Organisms an	d Tests to S	eparate:				
Analysis Messages:						

chemical D	etails															
AMY	-	4	PIPLC	-	5	dXYL	-	8	ADH1	+	9	BGAL	-	11	AGLU	-
APPA	-	14	CDEX	-	15	AspA	-	16	BGAR	-	17	AMAN	-	19	PHOS	+
LeuA	-	23	ProA	-	24	BGURr	-	25	AGAL	-	26	PyrA	+	27	BGUR	-
AlaA	-	29	TyrA	-	30	dSOR	-	31	URE	-	32	POLYB	+	37	dGAL	+
dRIB	-	39	lLATk	+	42	LAC	-	44	NAG	+	45	dMAL	-	46	BACI	+
NOVO	-	50	NC6.5	+	52	dMAN	+	53	dMNE	+	54	MBdG	-	56	PUL	-
dRAF	-	58	O129R	+	59	SAL	-	60	SAC	+	62	dTRE	+	63	ADH2s	+
	AMY APPA LeuA AlaA dRIB NOVO	AMY - APPA - LeuA - AlaA - dRIB - NOVO -	APPA - 14 LeuA - 23 AlaA - 29 dRIB - 39 NOVO - 50	AMY - 4 PIPLC APPA - 14 CDEX LeuA - 23 ProA AlaA - 29 TyrA dRIB - 39 ILATk NOVO - 50 NC6.5	AMY - 4 PIPLC - APPA - 14 CDEX - LeuA - 23 ProA - AlaA - 29 TyrA - dRIB - 39 ILATk + NOVO - 50 NC6.5 +	AMY - 4 PIPLC - 5 APPA - 14 CDEX - 15 LeuA - 23 ProA - 24 AlaA - 29 TyrA - 30 dRIB - 39 ILATk + 42 NOVO - 50 NC6.5 + 52	AMY - 4 PIPLC - 5 dXYL APPA - 14 CDEX - 15 AspA LeuA - 23 ProA - 24 BGURr AlaA - 29 TyrA - 30 dSOR dRIB - 39 ILATk + 42 LAC NOVO - 50 NC6.5 + 52 dMAN	AMY - 4 PIPLC - 5 dXYL - APPA - 14 CDEX - 15 AspA - LeuA - 23 ProA - 24 BGURr - AlaA - 29 TyrA - 30 dSOR - dRIB - 39 ILATk + 42 LAC - NOVO - 50 NC6.5 + 52 dMAN +	AMY - 4 PIPLC - 5 dXYL - 8 APPA - 14 CDEX - 15 AspA - 16 LeuA - 23 ProA - 24 BGURr - 25 AlaA - 29 TyrA - 30 dSOR - 31 dRIB - 39 ILATk + 42 LAC - 44 NOVO - 50 NC6.5 + 52 dMAN + 53	AMY - 4 PIPLC - 5 dXYL - 8 ADH1 APPA - 14 CDEX - 15 AspA - 16 BGAR LeuA - 23 ProA - 24 BGURr - 25 AGAL AlaA - 29 TyrA - 30 dSOR - 31 URE dRIB - 39 ILATk + 42 LAC - 44 NAG NOVO - 50 NC6.5 + 52 dMAN + 53 dMNE	AMY - 4 PIPLC - 5 dXYL - 8 ADH1 + APPA - 14 CDEX - 15 AspA - 16 BGAR - LeuA - 23 ProA - 24 BGURr - 25 AGAL - AlaA - 29 TyrA - 30 dSOR - 31 URE - dRIB - 39 ILATk + 42 LAC - 44 NAG + NOVO - 50 NC6.5 + 52 dMAN + 53 dMNE +	AMY - 4 PIPLC - 5 dXYL - 8 ADH1 + 9 APPA - 14 CDEX - 15 AspA - 16 BGAR - 17 LeuA - 23 ProA - 24 BGURr - 25 AGAL - 26 AlaA - 29 TyrA - 30 dSOR - 31 URE - 32 dRIB - 39 ILATk + 42 LAC - 44 NAG + 45 NOVO - 50 NC6.5 + 52 dMAN + 53 dMNE + 54	AMY - 4 PIPLC - 5 dXYL - 8 ADH1 + 9 BGAL APPA - 14 CDEX - 15 AspA - 16 BGAR - 17 AMAN LeuA - 23 ProA - 24 BGURr - 25 AGAL - 26 PyrA AlaA - 29 TyrA - 30 dSOR - 31 URE - 32 POLYB dRIB - 39 ILATk + 42 LAC - 44 NAG + 45 dMAL NOVO - 50 NC6.5 + 52 dMAN + 53 dMNE + 54 MBdG	AMY - 4 PIPLC - 5 dXYL - 8 ADH1 + 9 BGAL - APPA - 14 CDEX - 15 AspA - 16 BGAR - 17 AMAN - LeuA - 23 ProA - 24 BGURr - 25 AGAL - 26 PyrA + AlaA - 29 TyrA - 30 dSOR - 31 URE - 32 POLYB + dRIB - 39 ILATk + 42 LAC - 44 NAG + 45 dMAL - NOVO - 50 NC6.5 + 52 dMAN + 53 dMNE + 54 MBdG -	AMY - 4 PIPLC - 5 dXYL - 8 ADH1 + 9 BGAL - 11 APPA - 14 CDEX - 15 AspA - 16 BGAR - 17 AMAN - 19 LeuA - 23 ProA - 24 BGURr - 25 AGAL - 26 PyrA + 27 AlaA - 29 TyrA - 30 dSOR - 31 URE - 32 POLYB + 37 dRIB - 39 ILATk + 42 LAC - 44 NAG + 45 dMAL - 46 NOVO - 50 NC6.5 + 52 dMAN + 53 dMNE + 54 MBdG - 56	AMY - 4 PIPLC - 5 dXYL - 8 ADH1 + 9 BGAL - 11 AGLU APPA - 14 CDEX - 15 AspA - 16 BGAR - 17 AMAN - 19 PHOS LeuA - 23 ProA - 24 BGURr - 25 AGAL - 26 PyrA + 27 BGUR AlaA - 29 TyrA - 30 dSOR - 31 URE - 32 POLYB + 37 dGAL MRIB - 39 ILATk + 42 LAC - 44 NAG + 45 dMAL - 46 BACI NOVO - 50 NC6.5 + 52 dMAN + 53 dMNE + 54 MBdG - 56 PUL

OPTO

Thermo Fisher Scientific

Laboratory Report

bioMérieux Customer: 1011208 System #: 504538

Autoprint Report Version: 1 of 1

Isolate: 235209-1 (To be reviewed)

Card Type: GP Bar Code: 2423163503652966 Testing Instrument: 00000B4D4CA6 (01783)

Setup Technologist: Amanda Wood(awood)

Bionumber: 010402062561271

Organism Quantity:

Selected Organism: Staphylococcus aureus

Action

Name (User ID)

Date/Time

Comment