



Certificate of Analysis: Lyophilized Microorganism Specification and Performance Upon Release

Specifications Microorganism Name: Streptococcus pneumoniae Catalog Number: 0947 Lot Number: 947-96** Reference Number: ATCC® 49619™* Purity: Pure Passage from Reference: 3	Expiration Date: 2020/2/29 Release Information: Quality Control Technologist: Jennifer Holub Release Date: 2018/4/23
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Performance	
Macroscopic Features: Small to medium, circular, translucent, alpha hemolytic colonies.	Medium: CNA
Microscopic Features: Gram positive, lancet and occasionally ovoid shaped, cocci typically in pairs, also singly, or short chains.	Method: Gram Stain (1)
ID System: Vitek GP (1) See attached ID System results document.	Other Features/ Challenges: Results (1) Catalase (3% Hydrogen Peroxide): negative Optochin differential: Sensitive (6 mm disks: >= 14 mm) (1) Oxacillin (1 mcg - Disk Susceptibility): <= 12 mm (1) Cefotaxime (30 mcg - Disk Susceptibility): 31 - 39 mm (1) Ceftriaxone (30 mcg - Disk Susceptibility): 30 - 35 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.



bioMérieux Customer: 1012555
System #: 521711

Laboratory Report

Printed Mar 27, 2018 16:51 CDT
Printed by: mlb

Isolate Group: 947 69 3x2-1

Bench: MB

Card Type: GP Testing Instrument: 000017919CE3 (15220)

Bionumber: 061111320002530

Organism Quantity:

Comments:	

Identification Information	Card: GP	Lot Number: 2420567103	Expires: Jun 16, 2019 13:00 CDT
	Completed: Mar 27, 2018 16:23 CDT	Status: Final	Analysis Time: 5.00 hours
Selected Organism	97% Probability Streptococcus pneumoniae Bionumber: 061111320002530 Confidence: Excellent identification		
SRF Organism			
Analysis Organisms and Tests to Separate:			
Analysis Messages:			
Contraindicating Typical Biopattern(s) Streptococcus pneumoniae SAL(17),			

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

Installed VITEK 2 Systems Version: 07.01

MIC Interpretation Guideline:

AES Parameter Set Name:

Therapeutic Interpretation Guideline:

AES Parameter Last Modified: