

## Certificate of Analysis - Certified Reference Material

thermo scientific

Thermo Scientific™ Trademark™  
Product Number **R4609015**  
Product Name **S. pneumoniae ATCC 49619 PK/5**  
Lot Number **205277**  
Usage Decision **Accepted (OK)**  
Expiration Date **2026-06-09**

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	Recovered at acceptable level within test period
Passage	3 (Current preserved state)

Microbiological testing	Results	Specification
>85% Identification on Vitek 2C GP	93	85 - 100
>95% Identification on MicroSEQ		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

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

bioMérieux Customer: 1011208  
System #: 504538

Thermo Fisher Scientific  
**Laboratory Report**

Autoprint  
Report Version: 1 of 1

Isolate: 205277-1 (To be reviewed)  
Card Type: GP Bar Code: 2423064103118320 Testing Instrument: 00000B4D4CA6 (01783)  
Setup Technologist: Bri Yokum(BYokum)

Bionumber: 041031364311130

Organism Quantity:

**Selected Organism: Streptococcus pneumoniae**

<b>Comments:</b>	

**McFarland:**

Identification Information	Card: GP	Lot Number: 2423064103	Expires: Apr 17, 2026 13:00 CDT
	Status: Final	Analysis Time: 6.80 hours	Completed: Jan 8, 2025 18:00 CST
Organism Origin	VITEK 2		
Selected Organism	93% Probability Streptococcus pneumoniae		
	Bionumber: 041031364311130 Confidence: Very good identification		
Analysis Organisms and Tests to Separate:			
Analysis Messages:			
Contraindicating Typical Biopattern(s)			
Streptococcus pneumoniae NOVO(10),BGAL(83),BGAR(87),			

<b>Biochemical Details</b>																	
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	-															

Thermo Fisher Scientific  
**Laboratory Report**

Autoprint  
Report Version: 1 of 1

Bionumber: 041031364311130  
Organism Quantity:

**Selected Organism: Streptococcus pneumoniae**

Action	Name (User ID)	Date/Time	Comment
--------	----------------	-----------	---------