

Certificate of Analysis - Accredited Reference Material

thermo**scientific**

Thermo Scientific™ Trademark™
Product Number R4716100
Product Name S.enteric sv T'murium ATCC13311 Q+/100TS
Lot Number 259986
Usage Decision Accepted (OK)
Expiration Date 2026-10-28

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	2 (Current preserved state)
Delivery	<100 CFU/0.1 mL

S.enteric sv Typhimurium ATCC 13311 Q+/1	Results	Specification
>85% Identification on Vitek 2C GN	99	85 - 100
>95% Identification on MicroSEQ		95 - 100
CFU Mean	40	-
Microscopic Features	Pass	

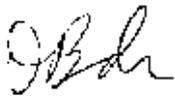
These tests are performed in accordance with ISO 17025 guidelines.

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.



CERT #6559.01

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

Laboratory Report

bioMérieux Customer: 1011208

System #: 504538

Last Updated: May 6, 2025 16:49 CDT By: awood

Isolate: 259986-1 (To be reviewed)

Card Type: GN Bar Code: 2412977103336812 Testing Instrument: 00000B4D4CA6 (01783)

Setup Technologist: Amanda Wood(awood)

Printed by: awood
Report Version: 2 of 2

Bionumber: 0011610461166200

Organism Quantity:

Selected Organism: Salmonella spp

Comments:	

McFarland:

Identification Information	Card: GN	Lot Number: 2412977103	Expires: Jan 20, 2026 12:00 CST
	Status: Final	Analysis Time: 3.87 hours	Completed: May 6, 2025 15:40 CDT

Organism Origin	VITEK 2
------------------------	---------

Selected Organism	99% Probability Salmonella spp Bionumber: 0011610461166200	Confidence: Excellent identification
--------------------------	----------------------------------------------------------------------	--------------------------------------

Analysis Organisms and Tests to Separate:
Salmonella group
Salmonella spp
Salmonella ser.Paratyphi B
Salmonella ser.Typhimurium
Salmonella ser.Paratyphi C
Salmonella ser.Enteritidis
Salmonella enterica ssp enterica

Analysis Messages:
Confirm by serological tests

Contraindicating Typical Biopattern(s)

Biochemical Details																	
2	APPA	-	3	ADO	-	4	PyrA	-	5	IARL	-	7	dCEL	-	9	BGAL	-
10	H2S	+	11	BNAG	-	12	AGLTp	-	13	dGLU	+	14	GGT	-	15	OFF	-
17	BGLU	-	18	dMAL	+	19	dMAN	+	20	dMNE	+	21	BXYL	-	22	BAlap	-
23	ProA	-	26	LIP	-	27	PLE	-	29	TyrA	-	31	URE	-	32	dSOR	+
33	SAC	-	34	dTAG	+	35	dTRE	+	36	CIT	+	37	MNT	-	39	5KG	-
40	ILATk	+	41	AGLU	-	42	SUCT	-	43	NAGA	-	44	AGAL	+	45	PHOS	+
46	GlyA	-	47	ODC	+	48	LDC	+	53	IHISa	-	56	CMT	+	57	BGUR	-
58	O129R	-	59	GGAA	-	61	IMLTa	-	62	ELLM	-	64	ILATa	-			

bioMérieux Customer: 1011208

System #: 504538

Last Updated: May 6, 2025 16:49 CDT By: awood

Isolate: 259986-1 (To be reviewed)

Card Type: GN Bar Code: 2412977103336812 Testing Instrument: 00000B4D4CA6 (01783)

Setup Technologist: Amanda Wood(awood)

Thermo Fisher Scientific

Laboratory Report

Printed by: awood
Report Version: 2 of 2

Bionumber: 0011610461166200

Organism Quantity:

Selected Organism: Salmonella spp

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