

Certificate of Analysis - Accredited Reference Material

thermo**scientific**

Thermo Scientific<sup>TM</sup> Trademark<sup>TM</sup>

Product Number

R4716100

Product Name

S.enteric sv T'murium ATCC13311 Q+/100TS

Lot Number

247357

Usage Decision

Accepted (OK)

Expiration Date

2026-09-16

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	45	-
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

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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

Last Updated: Mar 24, 2025 08:21 CDT By: awood

Isolate: 247357-1 (To be reviewed)

Card Type: GN Bar Code: 2412940103858495 Testing Instrument: 00000B4D4CA6 (01783)

Setup Technologist: Amanda Wood(awood)

Thermo Fisher Scientific

## Laboratory Report

Printed by: awood  
Report Version: 2 of 2

Bionumber: 0011610461566200

Organism Quantity:

**Selected Organism: Salmonella spp**

<b>Comments:</b>	

### McFarland:

<b>Identification Information</b>	<b>Card:</b> GN	<b>Lot Number:</b> 2412940103	<b>Expires:</b> Dec 14, 2025 12:00 CST
	<b>Status:</b> Final	<b>Analysis Time:</b> 3.92 hours	<b>Completed:</b> Mar 21, 2025 15:07 CDT
<b>Organism Origin</b>	VITEK 2		
<b>Selected Organism</b>	99% Probability <b>Salmonella spp</b> Bionumber: 0011610461566200 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 spp 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	-			

Installed VITEK 2 Systems Version: 9.02  
MIC Interpretation Guideline:  
AES Parameter Set Name:

Therapeutic Interpretation Guideline:  
AES Parameter Last Modified:

bioMérieux Customer: 1011208

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