







Certificate of Analysis: Lyophilized Microorganism Specification and Performance Upon Release

SPECIFICATIONS: Product Name: Salmonella enterica subsp. enterica serovar Typhimurium Catalog Number: 0363 Lot Number: 363-701** Reference Number: ATCC® 14028™* Passage from Reference: 3 Expiration Date: 2026/02/28	RELEASE INFORMATION: Quality Control Technologist: Kalina E George Release Date: 2024/04/16
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Performance	
Macroscopic Features: Two colony types observed: CT1: glistening, convex, circular, entire, and beige CT2: flat, glossy, slightly irregular and rough edges	Medium: SBAP
Microscopic Features: Gram negative straight rods	Method: Gram Stain (1)
ID System: MALDI-TOF (1)	
See attached ID System results document.	
Other Features/ Challenges: Results (1) Oxidase (Kovacs): negative Hektoen Enteric agar: good growth, blue-green colonies with black centers (1) Salmonella O antiserum Factor O:4 (Included in group B): positive (1) Salmonella O antiserum Factor O:5 (Included in group B): positive (1) Salmonella O antiserum Factor O:12 (Included in group B): positive	
<div> Amanda Kuperus Director of Quality Control AUTHORIZED SIGNATURE</div>	
<p>**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.</p> <p><u>Refer to the enclosed product insert for instructions, intended use and hazard/safety information.</u></p> <p>Individual products are traceable to a recognized culture collection.</p> <p>(1) These tests are accredited to ISO/IEC 17025.</p> <div> TESTING CERT #2655.01</div> <div> (*) The ATCC Licensed Derivative Emblem, the ATCC Licensed Derivative word mark and the ATCC catalog marks are trademarks of ATCC. Microbiologics, Inc. is licensed to use these trademarks and to sell products derived from ATCC® cultures.</div> <div> REFERENCE MATERIAL PRODUCER CERT #2655.02</div>	



Meaning of Score Values

Range	Interpretation	Symbols	Color
2.00 – 3.00	High-confidence identification	(+++)	Green
1.70 – 1.99	Low-confidence identification	(+)	Yellow
0.00 – 1.69	No Organism Identification Possible	(-)	Red

Meaning of Consistency Categories (A - C)

Category	Interpretation
(A)	High consistency: The best match is a high-confidence identification. The second-best match is (1) a highconfidence identification in which the species is identical to the best match, (2) a low-confidence identification in which the species or genus is identical to the best match, or (3) a non-identification.
(B)	Low consistency: The requirements for high consistency are not met. The best match is a high- or low-confidence identification. The second-best match is (1) a high- or low-confidence identification in which genus is identical to the best match or (2) a non-identification.
(C)	No consistency: The requirements for high or low consistency are not met.

Run Creation Date/Time:2024-04-10T15:50:18.879 EVW

Applied MSP Library(ies):BDAL, Mycobacteria Library (bead method), Filamentous Fungi Library

Sample Name	Sample ID	Organism (best match)	Score Value
E6 (+++) (A)	363-701	Salmonella sp	2.50

Comments:

Salmonella can only be identified on genus level.