




Certificate of Analysis: Lyophilized Microorganism Specification and Performance Upon Release

Specifications Microorganism Name: Salmonella enterica subsp. enterica serovar Enteritidis (group D) Catalog Number: 0345 Lot Number: 345-127** Reference Number: ATCC® 13076™* Passage from Reference: 3	Expiration Date: 2024/8/31 Release Information: Quality Control Technologist: Kalina E Larsen Release Date: 2022/10/17
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Performance	
Macroscopic Features: Medium, gray/white, circular, convex colonies Microscopic Features: Gram negative straight rod	Medium: SBAP 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:9 (Included in group D1): positive (1) Salmonella O antiserum Factor O:12 (Included in group D1): positive  Amanda Kuperus Director of Quality Control 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.

⚠ 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.



Bruker Daltonik MALDI Biotyper Classification Results



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 high-confidence 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.

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

Sample Name	Sample ID	Organism (best match)	Score Value
D3 (+++) (A)	345-127	Salmonella sp	2.26

Comments:

Salmonella can only be identified on genus level.