




Certificate of Analysis: Lyophilized Microorganism Specification and Performance Upon Release

<p>Specifications Microorganism Name: Listeria innocua (serotype 6a) Catalog Number: 0814 Lot Number: 814-187** Reference Number: ATCC® 33090™* Passage from Reference: 3</p>	<p>Expiration Date: 2024/11/30 Release Information: Quality Control Technologist: Mariah H Smith Release Date: 2022/12/27</p>
--	--

Performance	
<p>Macroscopic Features: Small, circular, translucent colonies. Microscopic Features: Regular, short, gram positive rods with rounded ends.</p>	<p>Medium: SBAP Method: Gram Stain (1)</p>
<p>ID System: MALDI-TOF (1) See attached ID System results document.</p>	<p>Other Features/ Challenges: Results (1) Catalase(3% Hydrogen Peroxide): positive</p> <div style="text-align: center; margin-top: 20px;">  Amanda Kuperus Director of Quality Control AUTHORIZED SIGNATURE </div>

**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.



(*) 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.

(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.

Run Creation Date/Time: 2022-12-20T12:02:31.904 MHS

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

Sample Name	Sample ID	Organism (best match)	Score Value
G8 (+++) (A)	814-187	Listeria innocua	2.29

Comments:

Extraction must be performed to permit reliable species identification.