




Certificate of Analysis: Lyophilized Microorganism Specification and Performance Upon Release


SPECIFICATIONS: Product Name: Escherichia coli Catalog Number: 0483 Lot Number: 483-1415** Reference Number: ATCC® 8739™* Passage from Reference: 3 Expiration Date: 2026/04/30	RELEASE INFORMATION: Quality Control Technologist: Jacob A Lohman Release Date: 2024/05/03
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Performance	
Macroscopic Features: Medium to large, gray, mucoid, convex.	Medium: SBAP
Microscopic Features: Gram negative straight rod.	Method: Gram Stain (1)
ID System: MALDI-TOF (1)	
See attached ID System results document.	
Other Features/ Challenges: Results	
(1) Oxidase (Kovacs): negative Beta-glucuronidase (E. coli Broth w/MUG): 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.



TESTING CERT #2655.01





REFERENCE MATERIAL PRODUCER
CERT #2655.02

(1) These tests are accredited to ISO/IEC 17025.

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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:2024-04-30T10:34:30.220 JAL

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

Sample Name	Sample ID	Organism (best match)	Score Value
D10 (+++) (A)	483-1415	Escherichia coli	2.35

Comments:

closely related to Shigella / Escherichia fergusonii and not definitely distinguishable at the moment