



Certificate of Analysis: Lyophilized Microorganism Specification and Performance Upon Release

Specifications Microorganism Name: Escherichia coli Catalog Number: 0483 Lot Number: 483-641 Reference Number: ATCC® 8739™* Purity: Pure Passage from Reference: 3 Mean Assay Value (MAV): 34 CFU per 0.1 ml		Expiration Date: 2019/2/28 Release Information: Quality Control Technologist: Caitlyn J Laudenbach Release Date: 2017/3/23
Performance		
Macroscopic Features: Medium to large, gray, mucoid, convex. Microscopic Features: Gram negative straight rod.		Medium: SBAP Method: Gram Stain (1)
ID System: MALDI-TOF See attached ID System results document.		Other Features/ Challenges: Results (1) Oxidase (Kovacs): negative Beta-glucuronidase (E. coli Broth w/MUG): positive  Amanda Kuperus Quality Control Manager AUTHORIZED SIGNATURE
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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 the 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.

Sample Name: Escherichia coli
 Sample Description: 0483
 Sample ID: 483-641
 Sample Creation Date/Time: 2017-03-21T12:28:44.411 CL
 Applied MSP Library(ies): BDAL, Mycobacteria Library (bead method), Filamentous Fungi Library 1.0, Listeria

Sample Name	Sample ID	Organism (best match)	Score Value
A10 (+++)(A)	483-641	Escherichia coli	2.35

Comments:

Closely related to Shigella and not definitely distinguishable at the moment.