




Certificate of Analysis: Lyophilized Microorganism Specification and Performance Upon Release

<b>Specifications</b> <b>Microorganism Name:</b> Escherichia coli <b>Catalog Number:</b> 0335 <b>Lot Number:</b> 335-560** <b>Reference Number:</b> ATCC® 25922™* <b>Passage from Reference:</b> 3	<b>Expiration Date:</b> 2025/1/31 <b>Release Information:</b> <b>Quality Control Technologist:</b> Jacob A Lohman <b>Release Date:</b> 2023/2/13
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<b>Performance</b>	
<b>Macroscopic Features:</b> 2 colony types, both are gray & beta hemolytic; one is circular to irregular, convex, slightly erose edge & smooth; other is larger, irregular, low convex, erose edge & rough <b>Microscopic Features:</b> Gram negative straight rod	<b>Medium:</b> SBAP  <b>Method:</b> Gram Stain (1)

<b>ID System:</b> MALDI-TOF (1) See attached ID System results document.	<b>Other Features/ Challenges: Results</b> (1) Oxidase (Kovacs): negative Beta-glucuronidase (E. coli Broth w/MUG): positive (1) Ampicillin (10 mcg - Disk Susceptibility): 15 - 22 mm (1) Gentamicin (10 mcg - Disk Susceptibility): 19 - 26 mm (1) SXT (1.25/23.75 mcg - Disk Susceptibility): 23 - 29 mm   Amanda Kuperus Director of Quality Control AUTHORIZED SIGNATURE
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\*\*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)	<b>High consistency:</b> 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)	<b>Low consistency:</b> 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)	<b>No consistency:</b> The requirements for high or low consistency are not met.

Run Creation Date/Time: 2023-02-07T09:50:26.200 JAL

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

Sample Name	Sample ID	Organism (best match)	Score Value
B3 (++++) (A)	335-560	Escherichia coli	2.24

Comments:

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