



Certificate of Analysis: Lyophilized Microorganism Specification and Performance Upon Release

Specifications Microorganism Name: Enterobacter cloacae subsp. cloacae Catalog Number: 0323 Lot Number: 323-97** Reference Number: ATCC® 13047™* Purity: Pure Passage from Reference: 3	Expiration Date: 2019/12/31 Release Information: Quality Control Technologist: Jennifer Holub Release Date: 2018/2/26
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Performance	
Macroscopic Features: Two colony types may be present. One type is medium, circular, convex, entire edge, gray, and smooth. The other type is similar, but larger, circular to slightly irregular, smooth, and glistening.	Medium: SBAP
Microscopic Features: Straight gram negative rod.	Method: Gram Stain (1)
ID System: MALDI-TOF (1) See attached ID System results document.	Other Features/ Challenges: Results (1) Oxidase (Kovacs): negative  Amanda Kuperus Quality Control Manager 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.

Note for Vitek®: Although the Vitek® panel uses many conventional tests, the unique environment of the card, combined with the short incubation period, may produce results that differ from published results obtained by other methods.

⚠ 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 17025:2005.



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: Enterobacter cloacae subsp. cloacae
 Sample Description: 0323
 Sample ID: 323-97
 Sample Creation Date/Time: 2018-01-23T15:34:36.355 JS/JH
 Applied MSP Library(ies): BDAL, Mycobacteria Library (bead method), Filamentous Fungi Library 1.0, Listeria

Sample Name	Sample ID	Organism (best match)	Score Value
B9(+++) (A)	323-97	Enterobacter cloacae	2.32

Comments:

Is a member of Enterobacter cloacae complex.