



Certificate of Analysis: Lyophilized Microorganism Specification and Performance Upon Release

Specifications Microorganism Name: Escherichia coli Catalog Number: 0335 Lot Number: 335-184 Reference Number: ATCC® 25922™* Purity: > 99.9% of Total Pellet CFU Recovery: > 1000 CFUs per Pellet Passage from Reference: 4	Expiration Date: 2018/3/31 Release Information: Quality Control Technologist: Tanner E Rothstein Release Date: 2016/5/2
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Performance	
Macroscopic Features: 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 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 (1) Ampicillin (10 mcg - Disk Susceptibility): 16 - 22 mm (1) Gentamicin (10 mcg - Disk Susceptibility): 19 - 26 mm (1) SXT (1.25/23.75 mcg - Disk Susceptibility): 23 - 29 mm  Brad Goskowicz, President AUTHORIZED SIGNATURE

Disclaimer: The last digit(s) of the lot number appearing on the packing slip is 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.

TESTING CERT #2655.01

Bruker Daltonik MALDI Biotyper Classification Results



Meaning of Score Values

Range	Description	Symbols	Color
2.300 ... 3.000	highly probable species identification	(+++)	green
2.000 ... 2.299	secure genus identification, probable species identification	(++)	green
1.700 ... 1.999	probable genus identification	(+)	yellow
0.000 ... 1.699	not reliable identification	(-)	red

Meaning of Consistency Categories (A – C)

Category	Description
A	Species Consistency: The best match was classified as 'green' (see above). Further 'green' matches are of the same species as the first one. Further 'yellow' matches are at least of the same genus as the first one.
B	Genus Consistency: The best match was classified as 'green' or 'yellow' (see above). Further 'green' or 'yellow' matches have at least the same genus as the first one. The conditions of species consistency are not fulfilled.
C	No Consistency: Neither species nor genus consistency (Please check for synonyms of names or microbial mixture).

Analyte Name: Escherichia coli

Analyte Description: 0335

Analyte ID: 335-184

Analyte Creation Date/Time: 2016-04-27T15:02:21.540 TR

Applied MSP Library(ies): BDAL, Mycobacteria Library (bead method), Filamentous Fungi Library 1.0, IVD, Listeria

Applied Taxonomy Tree:

Rank(Quality)	Matched Pattern	ScoreValue	NCBIIdentifier
1(+++)	Escherichia coli ATCC 25922 THL	2.468	562
2(+++)	Escherichia coli ATCC 25922 CHB	2.376	562
3(+++)	Escherichia coli DSM 682 DSM	2.329	562
4(++)	Escherichia coli DSM 1103_QC DSM	2.292	562
5(++)	Escherichia coli MB11464_1 CHB	2.234	562
6(++)	Escherichia coli DH5alpha BRL	2.217	562
7(++)	Escherichia coli RV412_A1_2010_06a LBK	2.216	562
8(++)	Escherichia coli Nissl VML	2.215	562
9(++)	Escherichia coli ESBL_EA_RSS_1528T CHB	2.187	562
10(++)	Escherichia coli DSM 1576 DSM	2.158	562