



Certificate of Analysis: Lyophilized Microorganism Specification and Performance Upon Release

Specifications Microorganism Name: Pseudomonas fluorescens Catalog Number: 0241 Lot Number: 241-30 Reference Number: ATCC® 13525™* Purity: > 99.9% of Total Pellet CFU Recovery: > 1000 CFUs per Pellet Passage from Reference: 2	Expiration Date: 2018/5/31 Release Information: Quality Control Technologist: Kieshia L Negen Release Date: 2016/7/27
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Performance	
Macroscopic Features: Two colony types: one is large, irregular, erose edge, pale gray, glistening and the other is small, entire edge and compact Microscopic Features: Straight or slightly curved gram negative rod with rounded ends	Medium: SBAP Method: Gram Stain (1)
ID System: MALDI-TOF See attached ID System results document.	Other Features/ Challenges: Results (1) Oxidase (Kovacs): positive (1) Motility B Medium: positive  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: Pseudomonas fluorescens
 Analyte Description: 0241
 Analyte ID: 241-30
 Analyte Creation Date/Time: 2016-07-14T12:55:00.523kn
 Applied MSP Library(ies): BDAL, Mycobacteria Library (bead method), Filamentous Fungi Library 1.0, IVD, Listeria
 Applied Taxonomy Tree:

Rank (Quality)	Matched Pattern	Score Value	NCBI Identifier
1 (++)	Pseudomonas fluorescens DSM 50090T HAM	2.102	294
2 (+)	Pseudomonas synxantha DSM 18928T DSM	1.922	47883
3 (+)	Pseudomonas libanensis CIP 105460T HAM	1.897	75588
4 (+)	Pseudomonas antarctica DSM 15318T HAM	1.858	219572
5 (+)	Pseudomonas veronii B561 UFL	1.852	76761
6 (+)	Pseudomonas veronii B559 UFL	1.808	76761
7 (+)	Pseudomonas brenneri CIP 106646T HAM	1.767	129817
8 (+)	Pseudomonas azotoformans CIP 106744T HAM	1.748	47878
9 (+)	Pseudomonas proteolytica DSM 15321T HAM	1.744	219574
10 (+)	Pseudomonas extremorientalis DSM 15824T HAM	1.718	169669