Microbiologics®

Certificate of Analysis: Lyophilized Microorganism Specification and Performance Upon Release

Specifications
Microorganism Name: Pseudomonas aeruginosa
Catalog Number: 0484
Lot Number: 484-918**
Reference Number: ATCC® 9027™*
Purity: Pure
Passage from Reference: 3
(7) Mean Assay Value (MAV): 51 CFU per 0.1 ml

Expiration Date: 2019/11/30
Release Information:
Quality Control Technologist: Kavitha Gobalan
Release Date: 2018/3/2

Performance

Macroscopic Features:
Large, flat, circular to irregular shaped, gray with silver sheen. A second colony type may also be present as small, round, shiny colonies.

Medium:
SBAP

Microscopic Features:
Straight or slightly curved 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): positive
(1) Motility B Medium: positive
Pseudomonas P Agar: positive (blue-green color diffusing into the agar)
Growth at 42 C: positive

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.

A2LA ACCREDITED
REFERENCE MATERIAL PRODUCER
CERT #2655.02

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TESTING CERT #2655.01

(1) These tests are accredited to ISO/IEC 17025:2005.

(7) The Mean Assay Value (MAV) stated above may deviate from the end-user's MAV based on variables inherent to each laboratory environment, such as methods, media type, equipment, pipettes, and individual technician technique.

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: Pseudomonas aeruginosa
Sample Description: 0484
Sample ID: 484-918
Sample Creation Date/Time: 2018-02-27T11:58:29.327 cs
Applied MSP Library(ies): BDAL, Mycobacteria Library (bead method), Filamentous Fungi Library 1.0, Listeria

Sample Name	Sample ID	Organism (best match)	Score Value
B4 (+++) (A)	484-918	Pseudomonas aeruginosa	2.41

Comments:

n/a