Microbiologics·

Certificate of Analysis: Lyophilized Microorganism Specification and Performance Upon Release

Specifications	**Expiration Date:** 2024/8/31
Microorganism Name: Aspergillus brasiliensis	**Release Information:**
Catalog Number: 0392	**Quality Control Technologist:** Jacob A Lohman
Lot Number: 392-1404**	**Release Date:** 2022/9/16
Reference Number: ATCC® 16404™*	
Passage from Reference: 3	
(7) Mean Assay Value (MAV): 7.8E+02 CFU per pellet	

Performance

Macroscopic Features:
Rapidly growing colonies which are initially white or pale yellow, quickly become black with conidia (spore) production. Reverse is pale yellow.

Medium:
PDA

Microscopic Features:
Chains of small conidia which arise from short sterigmata arranged radially over the surface of the vesicle

Method:
Lactophenol Blue (1)

ID System: MALDI-TOF (1)

See attached ID System results document.

Amanda Kuperus

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Director of Quality Control

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.

⚠ **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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(1) These tests are accredited to ISO/IEC 17025.

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TESTING CERT #2655.01

(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 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.

Run Creation Date/Time:	2022-09-16T09:54:31.453 JAL
Applied MSP Library(ies):	BDAL, Mycobacteria Library (bead method), Filamentous Fungi Library

Sample Name	Sample ID	Organism (best match)	Score Value
H5 (+++) (A)	392-1404	Aspergillus brasiliensis	2.55

Comments:

Species niger / brasiliensis of the genus Aspergillus have very similar patterns: Therefore distinguishing their species is difficult.

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Statistical Analysis Certificate

Microorganism Name: Aspergillus brasiliensis

Reference #: ATCC® 16404™*

Catalog #: 0392

Lot #: 392-1404**

Expiration Date: 2024/8/31

(7) Mean Assay Value (MAV): 7.8E+02 CFU per pellet

Standard Deviation: 9.9E+01

Coefficient of Variation: 13%

99% Confidence Interval of 7.5E+02 to 8.1E+02 CFU

95% Confidence Interval of 7.6E+02 to 8.0E+02 CFU

Method used to determine Mean Assay Value: Spiral Plate Method

Medium Employed: TSA

Incubation Time and Temp: 24 hrs at 34-38 degrees C

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