




Certificate of Analysis: Lyophilized Microorganism Specification and Performance Upon Release

<b>Specifications</b> <b>Microorganism Name:</b> Candida albicans <b>Catalog Number:</b> 0443 <b>Lot Number:</b> 443-1502** <b>Reference Number:</b> ATCC® 10231™* <b>Passage from Reference:</b> 3 <b>(7) Mean Assay Value (MAV):</b> 53 CFU per 0.1 ml	<b>Expiration Date:</b> 2025/2/28 <b>Release Information:</b> <b>Quality Control Technologist:</b> Mariah H Smith <b>Release Date:</b> 2023/3/27
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<b>Performance</b>	
<b>Macroscopic Features:</b> Small to medium, white, circular, convex, dull colonies. <b>Microscopic Features:</b> Gram positive, ovoidal, budding yeast cells.	<b>Medium:</b> Nutrient <b>Method:</b> Gram Stain (1)

<b>ID System:</b> MALDI-TOF (1)
See attached ID System results document. <div style="text-align: right; margin-top: 100px;">           Amanda Kuperus          Director of Quality Control          AUTHORIZED SIGNATURE       </div>

\*\*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.



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



(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)	<b>High consistency:</b> 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)	<b>Low consistency:</b> 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)	<b>No consistency:</b> The requirements for high or low consistency are not met.

Run Creation Date/Time: 2023-03-27T11:37:43.796 MHS

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

Sample Name	Sample ID	Organism (best match)	Score Value
A3 (+++) (A)	443-1502	Candida albicans	2.32

Comments:

N/A
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## Statistical Analysis Certificate

Microorganism Name: *Candida albicans*

Reference #: ATCC® 10231™\*

Catalog #: 0443

Lot #: 443-1502\*\*

Expiration Date: 2025/2/28

(7) Mean Assay Value (MAV): 53 CFU per 0.1 ml

Standard Deviation: 4.3E+00

Coefficient of Variation: 8 %

99% Confidence Interval of 5.2E+01 to 5.4E+01 CFU

95% Confidence Interval of 5.2E+01 to 5.4E+01 CFU

Method used to determine Mean Assay Value: Spiral Plate Method

Medium Employed: TSA

Incubation Time and Temp: 48-72 hrs at 28-32 degrees C

A handwritten signature in black ink that reads "Amanda Kuperus". The signature is written in a cursive, flowing style.

Amanda Kuperus

Director of Quality Control

AUTHORIZED SIGNATURE

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