



Certificate of Analysis: Lyophilized Microorganism Specification and Performance Upon Release

SPECIFICATIONS: Product Name: Candida albicans Catalog Number: 0443 Lot Number: 443-169** Reference Number: ATCC® 10231™* Passage from Reference: 4 (7) Mean Assay Value (MAV): 7.0E+02 Expiration Date: 2013/04/30	RELEASE INFORMATION: Quality Control Technologist: Beth M Zenzen Release Date: 2011/06/17
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Performance	
Macroscopic Features: Small to medium, white, circular, convex, dull colonies.	Medium: Nutrient
Microscopic Features: Gram positive, ovoidal, budding yeast cells.	Method: Gram Stain (1)
ID System: Vitek YST (1)	
See attached ID System results document.	
Other Features/ Challenges: Results	
(1) Germ Tube Test: positive (1) Chlamyospore production: positive	 Amanda Kuperus 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. (1) These tests are accredited to ISO/IEC 17025.  TESTING CERT #2655.01  (*) The ATCC Licensed Derivative Emblem, the ATCC Licensed Derivative word mark and the ATCC catalog marks are trademarks of ATCC. Microbiologics, Inc. is licensed to use these trademarks and to sell products derived from ATCC® cultures.	



Statistical Analysis Certificate

Microorganism Name: *Candida albicans*

Reference #: ATCC® 10231™*

Catalog #: 0443

Lot #: 443-169**

Expiration Date: 2013/04/30

Mean Assay Value (MAV): 7.0E+02 CFU per pellet

Standard Deviation: 9.9E+01

Coefficient of Variation: 14%

99% Confidence Interval of 6.6E+02 to 7.4E+02 CFU

95% Confidence Interval of 6.7E+02 to 7.3E+02 CFU

Method used to determine Mean Assay Value: Spiral Biotech Test Method

Medium Employed: TSA

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

A handwritten signature in black ink, appearing to read "Amanda Kuperus". The signature is fluid and cursive.

Amanda Kuperus

Director of Quality Control

AUTHORIZED SIGNATURE

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. The information included in this Statistical Analysis Certificate is strictly based on the product's lot number. A product lot number may be assigned to multiple packaging configurations. As a result, this certificate only lists the lot number and does not include a product description.

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