

Certificate of Analysis for NR-29366

Candida albicans, Strain 281

Catalog No. NR-29366

Product Description: Candida albicans (C. albicans), strain 281 is a human isolate collected in

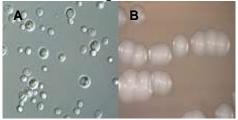
China.

Lot¹: 61759124 Manufacturing Date: 30MAY2013

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology ²	Report results	Sub-globose to ovoid, usually single or budding (Figure 1A)
Colony morphology ²	Report results	Off-white, dull, smooth and butyrous with entire or mycelial border (Figure 1B)
Biochemical tests:		,
VITEK [®] 2 Systems Version: 05.01 (YST card)	Consistent with C. albicans	Consistent with C. albicans
Genotypic Analysis		
Sequencing of partial 18S rRNA gene, internal transcribed spacer (ITS) 1, 5.8S rRNA gene,	Consistent with C. albicans	Consistent with C. albicans
ITS 2, partial 28S rRNA (~ 450 base pairs) Sequencing of 26S rRNA gene	Consistent with C. albicans	Consistent with C. albicans
(~ 595 base pairs)	Consistent with C. albicans	Consistent with C. dibloans
Purity ³		
Nutrient broth with 0.1% Yeast Extract at 25°C	No bacterial growth	No bacterial growth
Nutrient broth with 0.1% Yeast Extract at 37°C	No bacterial growth	No bacterial growth
Viability (post-freeze) ²	Growth	Growth

The deposited material was inoculated into Yeast Mold broth and incubated for 5 days at 25°C in an aerobic atmosphere to produce this lot.

Figure 1



Date: 17 JUL 2014

Signature:

Title: Technical Manager, BEI Authentication or designee

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BEI Resources www.beiresources.org E-mail: contact@beiresources.org

Tel: 800-359-7370 Fax: 703-365-2898

²5 days at 25°C in an aerobic atmosphere on Yeast Mold agar

³Clarity of broth was determined by visual inspection after 4 days at 25°C and 37°C in an aerobic atmosphere.