b|e|i RESOURCES
SUPPORTING INFECTIOUS DISEASE RESEARCH

Certificate of Analysis for NR-29365

Candida albicans, Strain 23F

Catalog No. NR-29365

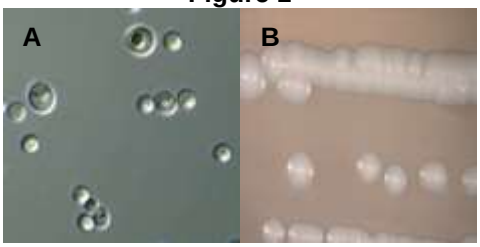
Product Description: *Candida albicans* (*C. albicans*), strain 23F is a human isolate collected in China.

Lot[1]: 61759123 **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 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, ITS 2, partial 28S rRNA (~ 500 base pairs)	Consistent with *C. albicans*	Consistent with *C. albicans*
Sequencing of 26S rRNA gene (~ 595 base pairs)	Consistent with *C. albicans*	Consistent with *C. albicans*
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

[1]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.
[2]5 days at 25°C in an aerobic atmosphere on Yeast Mold agar
[3]Clarity of broth was determined by visual inspection after 4 days at 25°C and 37°C in an aerobic atmosphere.

Figure 1



Date: 16 JUL 2014 **Signature:**

Title: Technical Manager, BEI Authentication or designee

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