

## Certificate of Quality

**Product Name:** C. neoformans ATCC 14116 PK/5  
**Lot Number:** 358599

**Product Number:** R4601812  
**Expiration Date:** 2014-12-31  
(YYYY-MM-DD)

This product has been manufactured, processed and packaged in accordance with Quality Systems Regulation, 21 CFR Part 820. Representative samples were tested per Remel Inc., a part of Thermo Fisher Scientific Quality Control specifications and were found to performance criteria for this product.

### **Purity:**

Standardized aliquots of the rehydrated product are inoculated onto nonselective media and examined for pure growth following the appropriate incubation. Selective and Differential media are also tested where applicable.

### **Viability And Quantification:**

Each organism is recovered from the preserved state within the required time frame and at an acceptable level. Passage number is stated as the current preserved state.

### **Macroscopic And Microscopic Morphology:**

Colony morphology is consistent with documented referenced description.  
Traditional staining is performed.

### **Biochemical Analysis:**

Organism exhibits characteristic biochemical and/or enzymatic reactions. Automated and/or conventional testing was performed and results were within established limits. Antimicrobial testing performed where applicable. Results within expected ranges.

CFU/loop: >10(4)

Passage: 3

Gram Reaction: Gram Positive Yeast

Biochemical Profile: Vitek YBC

Appearance: Preserved Gel Matrix suspended in inoculating loop

pH: N/A

Signed



Quality Control Supervisor