

Candida albicans, Strain P57055

Catalog No. NR-29439

Product Description:

Candida albicans (*C. albicans*), strain P57055 is a bloodstream isolate from a person with a bloodstream infection collected in Omaha, Nebraska, USA in 2000. Strain P57055 has an *a*/alpha *MTL* genotype. NR-29439 was produced by inoculation of BEI Resources seed lot 60886002 onto Yeast Mold (YM) agar and grown for 3 days at 25°C in an aerobic atmosphere. The agar growth was harvested with 20% glycerol to produce this lot. Quality control testing was completed under propagation conditions unless otherwise noted.

Lot: 70082437

Manufacturing Date: 13APR2026

BEI Resources is committed to ensuring digital accessibility for people with disabilities. This Certificate of Analysis contains complex tables and may not be fully accessible. Please let us know if you encounter accessibility barriers and a fully accessible document will be provided: E-mail: Contact@BEIResources.org. We try to respond to feedback within 24 hours.

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology	Report results	Globose-to-subglobose, no pseudohyphae observed (Figure 1)
Colony morphology	Report results	Circular, butyrous and cream (Figure 2)
VITEK® 2 (YST card)	<i>C. albicans</i> (≥ 89%)	<i>C. albicans</i> (99%)
VITEK® MS (MALDI-TOF)	<i>C. albicans</i>	<i>C. albicans</i> (99.9%)
Genotypic Analysis		
Sequencing of 18S ribosomal RNA (rRNA) gene, internal transcribed spacer (ITS) 1, 5.8S rRNA gene, ITS 2, partial 26S rRNA (~ 1110 base pairs)	≥ 99% sequence identity to <i>C. albicans</i> type strain (GenBank: CP017630.1)	99.5% sequence identity to <i>C. albicans</i> type strain (GenBank: CP017630.1)
Purity		
Nutrient broth with 0.1% Yeast Extract at 25°C 3 days in an aerobic atmosphere	No bacterial growth	No bacterial growth
Nutrient broth with 0.1% Yeast Extract at 37°C 3 days in an aerobic atmosphere	No bacterial growth	No bacterial growth
Viability (post-freeze)		
3 days at 25°C in an aerobic atmosphere on YM agar	Growth	Growth

Figure 1: Cellular Morphology

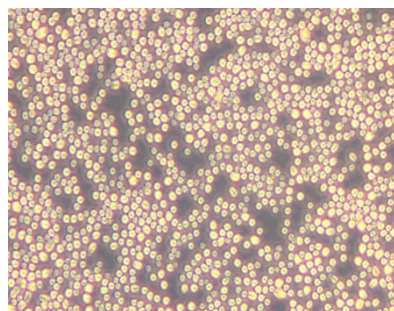
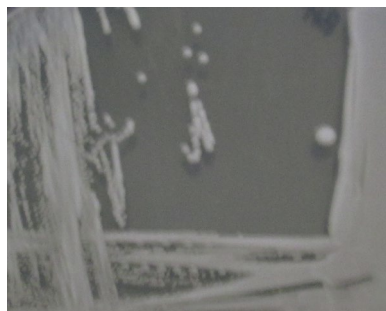


Figure 2: Colony Morphology



/Sonia Bjorum Brower/

Sonia Bjorum Brower

09 OCT 2026

Technical Manager or designee, ATCC Federal Solutions

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

ATCC® is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.

