

**Coccidioides posadasii, Strain RMSCC 1038**

**Catalog No. NR-55613**

**Product Description:**

*Coccidioides posadasii* (*C. posadasii*), strain RMSCC 1038 was isolated in 1984 from the lung tissue of a human with pulmonary cavity, cough and hemoptysis in Tuscon, Arizona, USA. NR-55613 lot 70053664 was produced by inoculation of the deposited material onto Emmons' Modified Sabouraud Dextrose agar, which was grown for 4 days at 37°C in an aerobic atmosphere. The agar growth was harvested with 20% glycerol to produce this lot.

**Lot: 70053664**

**Manufacturing Date: 14JUN2022**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology 16 days at 25°C in an aerobic atmosphere on Emmons' Modified Sabouraud Dextrose agar Colony morphology 16 days at 25°C in an aerobic atmosphere on Emmons' Modified Sabouraud Dextrose agar	Report results  Report results	Budding yeast cells observed  Membranous, convex, circular, entire, dull and white
<b>Genotypic Analysis</b> Next-Generation Sequencing (NGS) of Complete Genome	≥ 99% sequence identity to <i>C. posadasii</i> , strain RMSCC 1038 (GenBank: ABIT00000000.1)	99% sequence identity to <i>C. posadasii</i> , strain RMSCC 1038 (GenBank: ABIT00000000.1)
<b>Purity</b> Nutrient broth with 0.1% Yeast Extract at 25°C 16 days in an aerobic atmosphere Nutrient broth with 0.1% Yeast Extract at 37°C 16 days in an aerobic atmosphere	No bacterial growth  No bacterial growth	No bacterial growth  No bacterial growth
<b>Viability (post-freeze)</b> 16 days at 25°C in an aerobic atmosphere on Emmons' Modified Sabouraud Dextrose agar	Growth	Growth

/Sonia Bjorum Brower/  
 Sonia Bjorum Brower

18 JUL 2024

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.

