

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-04 13:30:00

Date of Next Testing: 2027-07-03 13:30:00

Product Name: **1,1-Cyclobutanedicarboxylic acid**

CAS Number: 5445-51-2

Specifications & Purity: $\geq 99\%$

Lot #: F2328121

SKU #: **C102027**

Version: **1**

Analysis #: **028210**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	157-162 (°C)	160.41000 °C
Purity(Neutralization titration)	98.5-103.5 (%)	99.31000 %
Purity(GC)	99-100 (%)	99.01000 %
Appearance (C102027)	White Powder or Crystals	White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager