

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-10-13 15:54:45

Date of Next Testing: 2027-10-12 15:54:45

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

CAS Number: 5445-51-2

Specifications & Purity: $\geq 99\%$

Lot #: I2328038

SKU # **C102027**

Version **1**

Analysis #: **273135**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	157-162 (°C)	160.64000 °C
Purity(Neutralization titration)	98.5-103.5 (%)	99.88000 %
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