

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-01-03 14:25:45

Date of Next Testing: 2028-01-02 14:25:45

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

CAS Number: 4355-11-7

Specifications & Purity: $\geq 98\%$

Lot #: D2001172

SKU #: **C101378**

Version: **2**

Analysis #: **310429**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.65000 %
Melting point	178-184 (°C)	179.60000 °C
Purity(HPLC area)	98-100 (%)	98.05500 %
Appearance (C101378)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Solubility in MeOH	almost transparency	almost transparency
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager