

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-07-30 09:55:30  
 Date of Next Testing: 2030-07-29 09:55:30  
 Product Name: **1,1-Cyclohexanediactic acid**  
 CAS Number: 4355-11-7  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: K2208546  
 SKU #: **C101378**  
 Version: **2**  
 Analysis #: **747930**  
 Storage Temperature: Room temperature

| Parameter             | Limit Values                          | Result                                |
|-----------------------|---------------------------------------|---------------------------------------|
| Water by Karl Fischer | 0-1 (%)                               | 0.31800 %                             |
| Melting point         | 178-184 (°C)                          | 182.85800 °C                          |
| Purity(HPLC area)     | 98-100 (%)                            | 99.23700 %                            |
| 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