

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-25 17:56:17

Date of Next Testing: 2029-11-24 17:56:17

Product Name: **L-Leucic Acid**

CAS Number: 13748-90-8

Specifications & Purity: $\geq 98\%$

Lot #: K2521663

SKU #: **S161033**Version: **0**Analysis #: **345053**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	77-82 (°C)	78.90000 °C
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in } 1N \text{ NaOH})$	-28--24 (°)	-26.14 °
Purity(Neutralization titration)	97.5-102.5 (%)	99.00 %
Appearance (S161033)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager