

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-13 13:26:14

Date of Next Testing: 2026-12-12 13:26:14

Product Name: **L-Leucic Acid**

CAS Number: 13748-90-8

Specifications & Purity: $\geq 98\%$

Lot #: L2209192

SKU #: **S161033**

Version: **0**

Analysis #: **167932**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	77-82 (°C)	80.70000 °C
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in } 1N \text{ NaOH})$	-28--24 (°)	-26.78600 °
Purity(Neutralization titration)	97.5-102.5 (%)	99.41000 %
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