

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-08 13:38:43

Date of Next Testing: 2027-09-07 13:38:43

Product Name: **L-Leucic Acid**

CAS Number: 13748-90-8

Specifications & Purity: $\geq 98\%$

Lot #: K1926144

SKU #: **S161033**

Version: **0**

Analysis #: **273438**

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 (°)	-26.14000 °
Purity(Neutralization titration)	97.5-102.5 (%)	98.69000 %
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