

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-31 15:09:40

Date of Next Testing: 2028-07-30 15:09:40

Product Name: **(R)-(+)- α -Lipoic acid**

CAS Number: 1200-22-2

Specifications & Purity: Moligand™, ≥98%

Lot #: G2521179

SKU #: **D118666**

Version: **0**

Analysis #: **537502**

Storage Temperature: Protected from light,Store at -20°C,Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.34900%
Specific Rotation [a] ₂₀ /D(c=1 in EtOH)	110-129 (°)	116.32100 °
Melting point	47-51 (°C)	50.17000 °C
Appearance (D118666)	White to Yellow Crystals to Powder and/or Chunks	White to Yellow Crystals to Powder and/or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager