

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2025-12-19 09:20:10
Date of Next Testing:	2028-12-18 09:20:10
Product Name:	(R)-(+)-α-Lipoic acid
CAS Number:	1200-22-2
Specifications & Purity:	Moligand™, ≥98%
Lot #:	L2512043
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] _D 20/D(c=1 in EtOH)	110-129 (°)	116.32°
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