

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-02-28 13:52:58
 Date of Next Testing: 2029-02-27 13:52:58
 Product Name: **(R)-(+)- α -Lipoic acid**
 CAS Number: 1200-22-2
 Specifications & Purity: Moligand™, ≥98%
 Lot #: B2626371
 SKU #: **D118666**
 Version: **0**
 Analysis #: **650359**
 Storage Temperature: Protected from light, Store at -20°C, Argon charged

Parameter	Limit Values	Result
Melting point	47-51 (°C)	50.96000 °C
Purity(HPLC)	98-100 (%)	99.51200 %
Specific Rotation [α] ₂₀ /D(c=1 in EtOH)	110-129 (°)	117.04900 °
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