

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-21 11:06:24

Date of Next Testing: 2027-04-20 11:06:24

Product Name: (S)-(-)- α -Lipoic acid

CAS Number: 1077-27-6

Specifications & Purity: $\geq 97\%$ (HPLC)

Lot #: D2315358

SKU #: L124685

Version: 1

Analysis #: 100917

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	97.06400 %
Specific Rotation $[\alpha]_{20/D}(10\text{mg/ml in EtOH})$	-128~-113 (°)	-127.27100 °
Appearance (L124685)	yellow powder,crystals and/or chunks	yellow powder,crystals 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