

ALADDIN SCIENTIFIC CORPORATION
14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-01-09 15:45:09
Date of Next Testing: 2028-01-08 15:45:09
Product Name: **(S)-(-)- α -Lipoic acid**
CAS Number: 1077-27-6
Specifications & Purity: $\geq 97\%$ (HPLC)
Lot #: A2405302
SKU #: **L124685**
Version: **1**
Analysis #: **307838**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	99.20300 %
Specific Rotation $[\alpha]_{20/D}(10\text{mg/ml in EtOH})$	-128--113 ($^{\circ}$)	-126.40200 $^{\circ}$
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