

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-04 10:07:44
 Date of Next Testing: 2029-12-03 10:07:44
 Product Name: **(S)-(-)- α -Lipoic acid**
 CAS Number: 1077-27-6
 Specifications & Purity: $\geq 97\%$ (HPLC)
 Lot #: L2501045
 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 (°)	-126.40200 °
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