

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-04-18 15:54:32  
Date of Next Testing: 2027-04-17 15:54:32  
Product Name: **(R)-N-(3,6,9,12-Tetraoxatridecyl)- $\alpha$ -lipoamide**  
CAS Number: 1334172-66-5  
Specifications & Purity: 90%  
Lot #: D2308439  
SKU #: **R160885**  
**Analysis: 205153**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)(CAD)	90-100 (%)	99.77 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(R160885)	Light yellow to Brown clear liquid	Light yellow to Brown clear liquid



John Su  
QA & QC Manager