

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-12 14:58:18
 Date of Next Testing: 2027-12-12 14:58:18
 Product Name: **N-Dodecanoyl-DL-homoserine lactone**
 CAS Number: 18627-38-8
 Specifications & Purity: $\geq 97\%$
 Lot #: L2411406
 SKU #: **N464439**
 Version: **1**
 Analysis #: **407421**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	99.76100 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in CHCL}_3)$	-2~2 (°)	0.95500 °
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager