

Certificate of Analysis

Date of Testing: 2024-12-12 14:57:05

Date of Next Testing: 2027-12-12 14:57:05

Product Name: **N-Dodecanoyl-DL-homoserine lactone**

CAS Number: 18627-38-8

Specifications & Purity: $\geq 97\%$

Lot #: L2411385

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 (°)	0.95 °
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager