

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-10-23 09:54:37

Date of Next Testing: 2028-10-22 09:54:37

Product Name: **N-nonanoyl-L-Homoserine lactone**

CAS Number: 177158-21-3

Specifications & Purity:  $\geq 98\%$

Lot #: A2303521

SKU #: **N348011**

Version: **1**

Analysis #: **591050**

Storage Temperature: Store at  $-20^{\circ}\text{C}$ , Argon charged

| Parameter          | Limit Values          | Result                |
|--------------------|-----------------------|-----------------------|
| Purity(HPLC area)  | 98-100 (%)            | 98.53600 %            |
| Optical purity(ee) | 98-100 (%)            | 98.78000 %            |
| NMR Spectrum 1H    | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager