

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-13 11:02:35

Date of Next Testing: 2028-08-12 11:02:35

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

CAS Number: 106983-30-6

Specifications & Purity:  $\geq 97\%$ (HPLC)

Lot #: H2507464

SKU #: **N464432**

Version: **1**

Analysis #: **503374**

Storage Temperature: Store at -20°C

| Parameter                | Limit Values          | Result                |
|--------------------------|-----------------------|-----------------------|
| Purity(HPLC area)        | 97-100 (%)            | 98.50000 %            |
| NMR Spectrum 1H          | Conforms to structure | Conforms to Structure |
| LC-MS for identification | Conforms              | Conforms              |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager