

## Certificate of Analysis

Date of Testing: 2023-08-12 16:43:22  
Date of Next Testing: 2026-08-11 16:43:22  
Product Name: **N-Octanoyl-DL-homoserine lactone**  
CAS Number: 106983-30-6  
Specifications & Purity:  $\geq 97.0\%$  (HPLC)  
Lot #: H2309976  
SKU #: **N464432**  
**Analysis:** **256778**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Purity(HPLC area)	97-100 (%)	97.01 %
NMR Spectrum 1H	Conforms to structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su  
QA & QC Manager