

## Certificate of Analysis

Date of Testing: 2023-04-21 15:50:13  
Date of Next Testing: 2026-04-20 15:50:13  
Product Name: **N-(3-Oxotetradecanoyl)-L-homoserine lactone**  
CAS Number: 177158-19-9  
Specifications & Purity:  $\geq 98\%$   
Lot #: D2312474  
SKU #: **N488136**  
Version: **1**  
Analysis #: **206241**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.29%
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su  
QA & QC Manager