

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-05-11 15:59:08

Date of Next Testing: 2028-05-10 15:59:08

Product Name: **N-(3-Hydroxyoctanoyl)-DL-homoserine lactone**

CAS Number: 853799-77-6

Specifications & Purity: $\geq 99\%$ (HPLC)(mixture of isomers)

Lot #: G2416519

SKU #: **N131553**

Version: **0**

Analysis #: **701721**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(mixture of isomers)(HPLC)	99-100 (%)	99.88000 %
Carbon by Elemental Analysis	58.4-59.4 (%)	58.58800 %
Hydrogen by Elemental Analysis	8.3-8.8 (%)	8.71600 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager