

Certificate of Analysis

Date of Testing: 2024-01-27 12:51:53

Date of Next Testing: 2025-01-26 12:51:53

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

CAS Number: 147852-84-4

Specifications & Purity: $\geq 98\%$

Lot #: A2423098

SKU #: **O275948**

Analysis: **109268**

Storage Temperature: Store at -20°C, Argon charged, Desiccated

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.69300 %
specific rotation $[\alpha]_{20/D}(C=0.2 \text{ in MeOH})$	-32~-25 (°)	-31.93800 °
Appearance(O275948)	White to Off White Powder to Crystals	White to off white powder to crystals or Plasters
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager