

Certificate of Analysis

Date of Testing: 2024-09-04 16:53:04

Date of Next Testing: 2025-09-04 16:53:04

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

CAS Number: 147852-84-4

Specifications & Purity: $\geq 98\%$

Lot #: H2111324

SKU #: **O275948**

Version: **1**

Analysis #: **407014**

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

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.11300 %
specific rotation $[\alpha]_{20/D}(C=0.2 \text{ in MeOH})$	-32--25 (°)	-29.28000 °
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