

Certificate of Analysis

Date of Testing: 2022-06-21 16:06:22
 Date of Next Testing: 2023-06-21 16:06:22
 Product Name: **N-Octanoyl-L-homoserine lactone**
 CAS Number: 147852-84-4
 Specifications & Purity: $\geq 98\%$
 Lot #: H2111297
 SKU #: **O275948**
Analysis: **103861**
 Storage Temperature: Store at -20°C, Argon charged, Desiccated

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.30400 %
specific rotation $[\alpha]_{20/D}(C=0.2 \text{ in MeOH})$	-32~-25 (°)	-28.40000 °
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