

Certificate of Analysis

Date of Testing: 2025-04-14 13:35:09

Date of Next Testing: 2026-04-14 13:35:09

Product Name: **N-Hexanoyl-L-homoserine lactone (C6-HSL)**

CAS Number: 147852-83-3

Specifications & Purity: $\geq 98\%$

Lot #: F2419405

SKU #: **H275885**

Version: **1**

Analysis #: **493697**

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

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.30000 %
specific rotation $[\alpha]_{20/D}(C=0.2 \text{ in MeOH})$	-35--29 (°)	-33.08000 °
Appearance(H275885)	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