

Certificate of Analysis

Date of Testing: 2025-03-24 13:21:05

Date of Next Testing: 2026-03-24 13:21:05

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

CAS Number: 147852-83-3

Specifications & Purity: $\geq 98\%$

Lot #: C2517254

SKU #: **H275885**

Version: **1**

Analysis #: **477144**

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

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.83300 %
specific rotation $[\alpha]_{20/D}(C=0.2 \text{ in MeOH})$	-35--29 (°)	-34.95000 °
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