

Certificate of Analysis

Date of Testing: 2022-06-01 12:20:36
Date of Next Testing: 2025-05-31 12:20:36
Product Name: **Dodecanoyl-L-homoserine lactone**
CAS Number: 137173-46-7
Specifications & Purity: 98%(HPLC)
Lot #: E2227133
SKU #: **D329450**
Version: **1**
Analysis #: **077468**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.16200 %
specific rotation [α]20/D(C=0.2 in MeOH)	-30~-20 (°)	-27.54900 °
Appearance(D329450)	White to Off White Powder to Crystals	White to Off White Powder to Crystals
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager