Certificate of Analysis

Compound Information

Product Name: N-Dodecanoyl-L-Homoserine Lactone
CAS No.: 137173-46-7
Cat. No.: G4154406
Molecular Formula: $C_{16}H_{29}NO_3$
Molecular Weight: 283.41

Batch Information

Batch No.: 1205242
Test Date: 2023-09-21
Report Date: 2023-09-22
Retest Date: 2029-03-18
Storage: -20°C
Origin China

Test Item

Test	Specification	Result
Purity	98%+(GC-MS)	98.80%
NMR	Consistent with structure	Consistent with structure
Optical Rotation	[?]/D -25±5°	-25.87

Conclusion

The product has been tested and complies with the given specifications.

Signature

Reviewed by :



Reviewed by:



Approved by:

