

Certificate of Analysis

Compound Information

Product Name: N-Decanoyl-L-Homoserine Lactone
CAS No.: 177315-87-6
Cat. No.: G1985664
Molecular Formula: C₁₄H₂₅NO₃
Molecular Weight: 255.35

Batch Information

Batch No.: 2705242
Test Date: 2025-01-21
Report Date: 2025-01-22
Retest Date: 2030-07-19
Storage: 2-8°C
Origin: China

Test Item

Test	Specification	Result
Purity	98%+(GC-MS)	98.37%
NMR	Consistent with structure	Consistent with structure
Optical Rotation	[?]/D -24±3°	-26.85

Conclusion

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

Signature

Reviewed by :



Reviewed by:



Approved by:

