

# Certificate of Analysis

## Compound Information

**Product Name:** N-Butanoyl-L-Homoserine Lactone  
**CAS No.:** 67605-85-0  
**Cat. No.:** G6830785  
**Molecular Formula:**  $C_8H_{13}NO_3$   
**Molecular Weight:** 171.19

## Batch Information

**Batch No.:** 2949862  
**Test Date:** 2023-07-04  
**Report Date:** 2023-07-05  
**Retest Date:** 2028-12-29  
**Storage:** 2-8°C  
**Origin:** China

## Test Item

Test	Specification	Result
Purity	99%(GC-MS)	99.73%
NMR	Consistent with structure	Consistent with structure
Optical Rotation	16	15.96

## Conclusion

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

## Signature

Reviewed by :



Reviewed by:



Approved by:

