

## Certificate of Analysis

Date of Testing: 2024-01-15 15:50:21  
Date of Next Testing: 2027-01-14 15:50:21  
Product Name: **N-butyryl-L-Homoserine lactone**  
CAS Number: 67605-85-0  
Specifications & Purity: >98%  
Lot #: A2410037  
SKU #: **N336049**  
**Analysis: 102484**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.14500 %
Specific rotation $[\alpha]_{20/D}$ (C=1% , Chloroform)	18-20 (°)	19.98000°
Proton NMR spectrum	Conforms to structure	Conforms to Structure
Appearance(N336049)	White to Off White Soild	White to Off White Soild



John Su  
QA & QC Manager