

Certificate of Analysis

Date of Testing: 2025-07-01 11:24:16

Date of Next Testing: 2028-06-30 11:24:16

Product Name: **N-butyryl-L-Homoserine lactone**

CAS Number: 67605-85-0

Specifications & Purity: $\geq 98\%$

Lot #: F2520061

SKU #: **N336049**

Version: **2**

Analysis #: **536265**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.00000 %
Specific rotation $[\alpha]_{20/D}$ (C=1% , Chloroform)	18-20 ($^{\circ}$)	19.00000 $^{\circ}$
Appearance(N336049)	White to Off White Soild	White to Off White Soild
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager