

No.: BPAC-697-A-00/3.0

CERTIFICATE OF ANALYSIS

Product Name	Boc-Glu(OMe)-OH	CAS No.	45214-91-3
Batch No.	A021269719A	Mfg. Date	Dec. 18, 2019
Quantity	100kg	Retest Date	Dec. 17, 2021
Packing	25kg/Drum	Report Date	Dec. 23, 2019
Specification	98%(HPLC)		

ITEM	SPECIFICATION	RESULT
Appearance	White to off white powder	Complies
IR Spectrum	In accordance with the structure	Complies
Mass Spectrum	In accordance with the structure	Complies
NMR Spectrum	In accordance with the structure	Complies
Specific rotation $[\alpha]_D^{20}$	$-24.0^\circ \pm 3^\circ$ (C=1 in DMF)	-23.6°
Clarity of Solution	0.3 gram in 2ml DMF clear solution	Complies
Melting Point	70°C~80°C	74.3°C~74.8°C
Water Content(K.F.)	≤1.0%	0.15%
Loss on Drying	≤1.0%	0.17%
Purity(HPLC)	≥98.0%	99.08%
Conclusion	Comply with the specification.	
Storage	Preserve in tight containers, protected from strong light and high heat.	

Analyst:

Reviewed by:

Approved by: