

No.: BPAC-669-A-00/3.0

**CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	Fmoc-Glu(OtBu)-OH.H <sub>2</sub> O	<b>CAS No.</b>	71989-18-9
<b>Batch No.</b>	A010266720A	<b>Mfg. Date</b>	Feb. 10, 2020
<b>Packing</b>	25kg/Drum	<b>Retest Date</b>	Feb. 09, 2022
<b>Quantity</b>	100kg	<b>Report Date</b>	Feb. 15, 2020
<b>Specification</b>	99.0%(HPLC)		

ITEM	SPECIFICATION	RESULT
<b>Appearance</b>	White to off-white powder	White powder
<b>Identification</b>	IR	Complies
<b>Purity(HPLC)</b>	≥99.0%	99.75%
<b>D-Enantiomer</b>	≤0.2%	Undetected
<b>Specific Rotation[20/D]</b>	-8.5°±2.0°(c=1 in DMF)	-9.0°(c=1 in DMF)
<b>Assay(Titration)</b>	98.0%-102.0%	100.1%
<b>Water Content(K.F)</b>	≤6.0%	3.95%
<b>Solubility</b>	1 mmol in 2ml DMF clearly soluble	Complies
<b>Conclusion</b>	Comply with the specification.	
<b>Storage</b>	Preserve in tight containers, 0~30℃.	

Analyst:

Reviewed by:

Approved by: