

No.: BPAC-654-A-00/3.0

**CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	Fmoc-Asp(OtBu)-OH	<b>CAS No.</b>	71989-14-5
<b>Batch No.</b>	A010665419A	<b>Mfg. Date</b>	Jun. 20, 2019
<b>Packing</b>	25kg/Drum	<b>Retest Date</b>	Jun. 19, 2021
<b>Quantity</b>	100kg	<b>Report Date</b>	Jun. 25, 2019
<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%	99.8%
<b>D-Enantiomer</b>	≤0.2%	Undetected
<b>Specific Rotation[20/D]</b>	-24.0°±2.5°(c=1 in DMF)	-23.1°(c=1 in DMF)
<b>Assay(Titration)</b>	98.0%-102.0%	100.1%
<b>Water Content(K.F)</b>	≤1.0%	0.6%
<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: