

CERTIFICATE OF ANALYSIS

Cat. No.	C01547
Product	Fmoc-L-Asn(Trt)-OH
CAS No.	132388-59-1
Formula	C ₃₈ H ₃₂ N ₂ O ₅
Molecular Weight	596.67
Store	Cool dry place.

Test Items	Specifications	Results
Appearance	White powder	Complies
Purity (HPLC)	>99%	99.08%
Optical Purity	≤0.5% D-Enantiomer	<0.5%
Melting Point	200-220 °C	204.1-204.2 °C
Specific Rotation [α]_D²⁰	-14.5° ± 2° (C=1 in MeOH)	-15.9° (C=1 in MeOH)
Clarity of Solution	0.3gram in 2 ml DMF clear solution	Complies
Kaiser Test	<0.05%	Complies
Water Content (K. F.)	≤1.0%	0.31%
Mass Spectrum	In accordance with the standard	Complies
NMR Spectrum	In accordance with the standard	Complies

Caution:
For laboratory or further manufacturing use only.
Not intended for household use.

Laboratory Control