

SPECIFICATION

Tests	Specifications
Appearance	White powder
Purity(UPLC) (%)	≥99.00
Impurity (%)	Fmoc-β-Ala-OH≤0.15
	Fmoc-β-Ala-His(Trt)-OH≤0.15
	Fmoc-His(Trt)-His(Trt)-OH≤0.15
	Fmoc-His-OH≤0.5
	each single unspecified≤0.2
Optical Purity (%)	≤0.15 D-enantiomer
Specific Rotation $[\alpha]_D^{20}$	+86.0°±8.0°(C=5 in CHCl ₃)
Clarity of solution	5 mmol in 10ml DMF clear solution
Water Content(K.F.) (%)	≤1.0
Residual Solvent (GC):	
Ethyl Acetate	< 25500 ppm
Assay(Titration) (%)	90.0-105.0
Identification (MS)	In accordance with the standard
Identification (NMR)	In accordance with the standard

Note: All of the above specifications are based on CSBio in-house MOA.

CSBio reserves the right to revise the above information without any written consent to any users on any intent use of this information.