

SPECIFICATION

Tests	Specifications
Appearance	White powder
Purity(UPLC) (%)	≥99.0
Impurity (%)	Fmoc-β-Ala-OH≤0.3
	Fmoc-β-Ala-Cys(Trt)-OH≤0.1
	Fmoc-Cys(Trt)-Cys(Trt)-OH≤0.1
	Fmoc-Cys-OH≤0.1
	each single unspecified≤0.3
Optical Purity(%)	≤0.15 D-enantiomer
Specific Rotation[α] _D ²⁰	+20.0° ± 2.0° (C=1, DMF)
Water Content(K.F.) (%)	≤1.0
Clarity of solution	5 mmol in 10ml DMF clear solution
Residual Solvent (GC):	
Ethyl Acetate	≤ 5000 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.