



SPECIFICATION

Tests	Specifications
Appearance	White crystals or crystalline powder
Assay (%)	98.5-101.5
Optical Purity(%)	≤0.5 L-enantiomer
Specific Rotation $[\alpha]_D^{20}$	+34.0° ± 1.0° (C = 2 , H ₂ O)
Chloride (Cl) (%)	≤0.02
Sulphate (SO ₄) (%)	≤0.02
Ammonium(NH ₄) (%)	≤0.02
Iron(Fe)	≤20ppm
Loss on drying (%)	≤0.2
Residue on ignition (%)	≤0.2
Identification (MS)	In accordance with the standard
Identification (NMR)	In accordance with the standard

Note: CS Bio reserves the right to revise the above information without any written consent to any users on any intent use of this information