



SPECIFICATION

| Tests | Specifications |
|-------------------------------------|------------------------------------|
| Appearance | White to off White powder |
| Purity(HPLC) (%) | ≥98.0 |
| Optical Purity (%) | ≤0.5 D-enantiomer |
| Specific Rotation $[\alpha]_D^{20}$ | -12.0°±2.0° (C =1 , DMF) |
| Melting Point | 70.0-80.0°C |
| Clarity of solution | 0.3 gram in 2ml DMF clear solution |
| Water Content(K.F.) (%) | ≤1.0 |
| 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