| Test Items | Requirements | Results |
|------------------------|---|-----------|
| Appearance | White flake crystal, there are rose fragrance | Complies |
| Identification | Melting point: 148-152°C USP-741 | 148-150°C |
| | IR USP-197k | Complies |
| | TLC | Complies |
| | A characteristic reaction of chloride | Complies |
| Appearance of solution | No darker than BY4 | Complies |
| Specific rotation | -0.10°-+0.10° | 0° |
| Related substances | ≤0.50% | 0.17% |
| Heavy metals | ≤20 ppm USP231 | 10 PPM |
| Loss on drying | ≤0.5% USP731 | 0.02% |
| Residue on ignition | ≤0.1% USP 281 | 0.02% |
| Assay (HPLC) | 98%-102% | 99.8% |