

Product: L-Cystine Disodium Salt Monohydrate, Ultra Pure
Catalog Number: C7123

Formula: $C_6H_{10}N_2O_4S_2Na_2 \cdot H_2O$
Formula Weight: 302.30
CAS Number: 199329-53-8

SPECIFICATION

| Test | Specification |
|--|---------------------------------|
| Appearance | White to off white powder..... |
| Assay (by titration, on dried basis) | NLT 98.0% |
| Solubility (1% solution in water)..... | Complete, clear, colorless..... |
| Identification (by IR)..... | Conforms to structure |
| Loss on Drying (3 hours @ 110°C) | NMT 6.6% |
| Water (by KF) | NMT 8.0% |
| pH (1% solution in water at 25°C)..... | 9.5 – 11.0 |
| Specific Rotation (anhydrous basis, C=2, 1NHCl)..... | -168.5° to -178.9° |
| Heavy Metals (as Pb) | NMT 20 ppm |

Additional Information

Storage Conditions 15°C to 30°C
Material is of non-animal, non-human origin.