

Code No.03-0532

SPECIFICATION

L(-)-Cystine Dihydrochloride

Wako Special Grade

| REQUIREMENT | SPECIFICATION |
|--|---|
| Appearance | White ~ nearly white, crystals ~ powder |
| Solubility in dil.hydrochloric acid | to pass test |
| Specific rotation [α]D20(c=1,dil.HCl) | -165~-175° |
| Loss on drying at 105°C | max.1.0% |
| Residue after ignition (as sulfate) | max.0.05% |
| Sulfate (SO4) | max.0.03% |
| Heavy metals (as Pb) | max.0.003% |
| Arsenic (As) | max.1ppm |
| Iron (Fe) | max.0.003% |
| Thin layer chromatography test | to pass test |
| Assay | min.95.0% |