

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 [ $\alpha$ ]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 (SO <sub>4</sub> )	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%