

Code No.13-0751

## SPECIFICATION

## L(-)-Malic Acid

Wako Special Grade

REQUIREMENT	SPECIFICATION
Appearance	White ~ nearly white, crystalline powder ~
Solubility in water	powder to pass test
Solubility in ethanol	to pass test
Specific rotation [ $\alpha$ ]D20(c=8,H2O)	-1.5~-2.5°
Loss on drying over silica gel	max.1.0%
Chloride (Cl)	max.0.05%
Sulfate (SO4)	max.0.05%
Heavy metals (as Pb)	max.0.002%
Assay	min.97.0%