

## SPECIFICATION

## L(+)-Ascorbic Acid

## Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance Assay (C <sub>6</sub> H <sub>8</sub> O <sub>6</sub> ) Solubility in water Specific rotation [ $\alpha$ ] <sub>D20</sub> Loss on drying at 105°C Residue after ignition (as sulfate) Chloride (Cl) Sulfate (SO <sub>4</sub> ) Copper (Cu) Zinc (Zn) Lead (Pb) Iron (Fe) Nickel (Ni)	White, crystals ~ crystalline powder min.99.6%(mass/mass) to pass test +20.5~+21.5° max.0.1%(mass/mass) max.0.05%(mass/mass) max.0.005%(mass/mass) max.0.002%(mass/mass) max.0.3ppm(mass/mass) max.0.2ppm(mass/mass) max.5ppm(mass/mass) max.2ppm(mass/mass) max.5ppm(mass/mass)

JIS K 9502:2020(\*:Additional test performed by Wako but not required by JIS)