SPECIFICATION

L(+)-Ascorbic Acid

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White, crystals \sim crystalline powder
Assay (C6H8O6)	min.99.6%(mass/mass)
Solubility in water	to pass test
Specific rotation [α]D20	+20.5~+21.5°
Loss on drying at 105℃	max.0.1%(mass/mass)
Residue after ignition (as sulfate)	max.0.05%(mass/mass)
Chloride (CI)	max.0.005%(mass/mass)
Sulfate (SO4)	max.0.002%(mass/mass)
Copper (Cu)	max.0.3ppm(mass/mass)
Zinc (Zn)	max.0.2ppm(mass/mass)
Lead (Pb)	max.5ppm(mass/mass)
Iron (Fe)	max.2ppm(mass/mass)
Nickel (Ni)	max.5ppm(mass/mass)

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

(1 / 1) revised on 2020/05/25