

SPECIFICATION

L(+)-Tartaric Acid

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White crystals
Assay (C ₄ H ₆ O ₆)	min.99.5%(mass/mass)
Solubility in water	to pass test
Solubility in ethanol	to pass test
Specific rotation (after drying) [α] _{D20}	+12.0~+12.5°
Residue after ignition (as sulfate)	max.0.01%(mass/mass)
Chloride (Cl)	max.5ppm(mass/mass)
Phosphate (PO ₄)	max.5ppm(mass/mass)
Sulfur compounds (as SO ₄)	max.0.005%(mass/mass)
Copper (Cu)	max.5ppm(mass/mass)
Calcium (Ca)	max.0.002%(mass/mass)
Lead (Pb)	max.5ppm(mass/mass)
Arsenic (As)	max.0.5ppm(mass/mass)
Iron (Fe)	max.3ppm(mass/mass)

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