

Code No.20-0005

## SPECIFICATION

## L(+)-Tartaric Acid

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White crystals
Assay (C <sub>4</sub> H <sub>6</sub> O <sub>6</sub> )	min.99.5%(mass/mass)
Solubility in water	to pass test
Solubility in ethanol	to pass test
Specific rotation (after drying) [ $\alpha$ ] <sub>D20</sub>	+12.0~+12.5°
Residue after ignition (as sulfate)	max.0.01%(mass/mass)
Chloride (Cl)	max.5ppm(mass/mass)
Phosphate (PO <sub>4</sub> )	max.5ppm(mass/mass)
Sulfur compounds (as SO <sub>4</sub> )	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)