

## SPECIFICATION

## L-Aspartic Acid

## Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance Assay (C <sub>4</sub> H <sub>7</sub> NO <sub>4</sub> ) Solubility in dil.hydrochloric acid Specific rotation [ $\alpha$ ] <sub>D20</sub> Loss on drying at 105°C Residue after ignition (as sulfate) Chloride (Cl) Sulfate (SO <sub>4</sub> ) Lead (Pb) Arsenic (As) Iron (Fe) Ammonium (NH <sub>4</sub> ) Foreign amino acids	White crystalline powder min.99.0%(mass/mass) to pass test +24.9~+25.8° max.0.2%(mass/mass) max.0.05%(mass/mass) max.0.02%(mass/mass) max.0.01%(mass/mass) max.0.001%(mass/mass) max.1ppm(mass/mass) max.0.001%(mass/mass) max.0.02%(mass/mass) to pass test

JIS K 9045:2024(\*:Additional test performed by Wako but not required by JIS)