

SPECIFICATION

L-Alanine

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance Assay (C ₃ H ₇ NO ₂)(after drying) Solubility in water Specific rotation [α] _{D20} (after drying) Loss on drying at 105°C Residue after ignition (as sulfate) Chloride (Cl) Sulfate (SO ₄) Heavy metals (as Pb) Arsenic (As) Iron (Fe) Ammonium (NH ₄) Foreign amino acids	White, crystals ~ crystalline powder min.99.0%(mass/mass) to pass test +14.0~+15.0° max.0.2%(mass/mass) max.0.05%(mass/mass) max.0.02%(mass/mass) max.0.02%(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 9101:2014

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