

SPECIFICATION

Glycine

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White crystalline powder
Assay (C ₂ H ₅ NO ₂) (after drying at 105°C)	min.99.0%(mass/mass)
Solubility in water	to pass test
Loss on drying at 105°C	max.0.2%(mass/mass)
Residue after ignition (as sulfate)	max.0.05%(mass/mass)
Chloride (Cl)	max.0.002%(mass/mass)
Sulfate (SO ₄)	max.0.005%(mass/mass)
Lead (Pb)	max.0.001%(mass/mass)
Arsenic (As)	max.1ppm(mass/mass)
Iron (Fe)	max.5ppm(mass/mass)
Ammonium (NH ₄)	max.0.02%(mass/mass)
Foreign amino acids	to pass test

JIS K 8291:2021(*:Additional test performed by Wako but not required by JIS)