

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)