

SPECIFICATION

Glycine

for RoHS

REQUIREMENT	SPECIFICATION
Appearance	White crystalline powder
Assay (C ₂ H ₅ NO ₂) (after drying)	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)
Heavy metals (as 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
Cadmium (Cd) (RoHS)	max.10ppm
Mercury (Hg) (RoHS)	max.10ppm
Lead (Pb) (RoHS)	max.100ppm
Chromium (Cr) (RoHS)	max.10ppm
Brominated flame retardants (as Br) (RoHS)	max.1ppm