



Glycine, U.S.P. Multi-Compendial

Product No. 0582
Specifications current as of: Jun 8 2011

TEST	SPECIFICATION
GMP Manufactured Product	
Meets U.S.P. Requirements	
Identification	Passes Test
Loss on Drying at 105°C	max. 0.2 %
Residue on Ignition	max. 0.1 %
Chloride (Cl)	max. 0.007 %
Sulfate (SO ₄)	max. 0.0065 %
Heavy Metals (as Pb)	max. 0.002 %
Hydrolyzable Substances	Passes Test
Assay (C ₂ H ₅ NO ₂) (dried basis)	98.5 - 101.5 %
Endotoxin Concentration (EU/g)	max. 2.5
Meets BP/Ph.Eur. Chemical Specifications	
Assay (C ₂ H ₅ NO ₂) (dried basis)	98.5 - 101.0 %
Identification A	Passes Test
Appearance of Solution	Passes Test
pH...	5.9 - 6.4
Chloride (Cl)	max. 75 ppm
Heavy Metals (as Pb)	max. 10 ppm
Loss on Drying at 105°C	max. 0.5 %
Ash (sulfated)	max. 0.1 %
Ninhydrin-Positive Substances	Passes Test
Meets JP Chemical Specifications	
Assay (C ₂ H ₅ NO ₂) (dried basis)	98.5 - 101.0 %
Identification	Passes Test
pH (1 in 20)	5.6 - 6.6
Clarity and Color of Solution	Passes Test
Chloride (Cl)	max. 0.021 %
Sulfate (SO ₄)	max. 0.028 %
Ammonium (NH ₄)	max. 0.02 %

Heavy Metals (as Pb)	max. 20 ppm
Arsenic (As)	max. 2 ppm
Related Substances	Passes Test
Loss on Drying at 105°C	max. 0.30 %
Residue on Ignition	max. 0.10 %

Only Class 2 Solvents (Methanol) are likely to be present. All are below Option 1 limits.

Bulk Pharmaceutical Chemical

CAUTION: For manufacturing, processing or repacking.

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