

CERIFICATE OF ANALYSIS

Product Name : Glycine USP CAS No. : 56-40-6 Molecular Formula : $C_2H_5NO_2$ Molecular Weight : 75.07 gm/mol Drug Lic. No. : G/25A/5540-A In Form No.: 25A	Date : 04/08/2022 Batch No. : 058/22-23 Mfg. Date : AUG., 2022 Retest Date : JULY, 2025 Qty. : 1000 kg
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Sr. No.	Test	Results	Standard
1	Colour and Appearance	Matches Control Sample	White/ Corresponding to Colour/Appearance of Control Sample
2	FTIR spectrum	Matches	To Match reference Standard
3	Identification	Passes Passes	A : Identity to Pass B : Quality to Pass
4	Odour	Passes	Characteristic/Matches Control Sample
5	Taste	Passes	Characteristically Sweet/ Matches Control Sample
6	Assay of Glycine by USP Method	99.58 %	98.5 to 101.5 % On Dry basis Min. 98.3 %
7	Residue On Ignition	0.054 %	Max. 0.1%
8	Loss on Drying	0.106 %	Max. 0.2 %
9	Particle Size	Passes	100 % Through 30 No. Mesh
10	Chloride	0.0044 %	Max. 0.007 % by USP
11	Sulphate	0.0021 %	Max. 0.0065 % by USP
12	Heavy Metals	Passes	Less Than 10 ppm
13	Residual Solvent (As a methanol)	22 ppm	NMT 3000 ppm
14	Hydrolysable Substances	Complies	0.25IU/ gm
15	Endotoxins	Complies	Passes test
16	Related Compounds Glycine Anhydride Monochloroacetic Acid Iminodiacetic Acid Diglycine Triglycine Hexamethylenetetramine Any unspecified Impurity	Passes Passes Passes Passes Passes Passes Passes	Max 0.1% Per ICH M7 Max 0.1% Max 0.1% Max 0.1% Max 0.1% Based on Maximum Dose

- This Certificate of Analysis is valid provided the advised storage conditions are respected.
- The result values shown are based upon analysis of composite sample.
- The material is complies as per USP.