



CERTIFICATE OF ANALYSIS

PRODUCT NAME : GLYCINE AR

CAS No : 56-40-6
Mol. Formula : $\text{NH}_2\text{CH}_2\text{COOH}$
Mol. WT : 75.07
Date of analysis : 04/01/24

Product code : 23450
Batch No. : MCRT-27628-01
Mfd. : Jan. 2024
Exp. : Dec. 2028

S.R	Test	Specification	Observation
1	Description	White crystalline powder.	White crystalline powder.
2	Assay	99.0% min.	99.85%
3	pH (5% aq.solution)	5.9 – 6.3	6.0
4	Melting point	235-245 ⁰ C	238.5 ⁰ C
5	Water insoluble matter	0.003 % max	0.001 %
6	Chloride (Cl)	0.001% max	<0.001%
7	Lead (Pb)	0.0001% max	<0.0001%
8	Sulphate (SO ₄)	0.0025% max	<0.0025%
9	Loss on drying at 105 ⁰ C	0.2 % max	0.15%
10	Sulphated ash	0.05 % max	0.01%
11	Ammonium (NH ₄)	0.005% max	<0.005%
12	Iron(Fe)	0.0001 % max	<0.0001 %
13	Copper (Cu)	0.0001% max	<0.0001%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

CHEMIST
(Deepa)

HEAD-QUALITY ASSURANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.

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