

CERTIFICATE OF ANALYSIS

PRODUCT NAME : GLYCINE AR

CAS No : 56-40-6
Mol. Formula : NH₂CH₂COOH
Mol. WT : 75.07
Date of analysis : 07/07/25

Product code : 23450
Batch No. : MCAR-01813
Mfd. : July 2025
Exp. : June 2030

S.R	Test	Specification	Observation
1	Description	White crystalline powder.	White crystalline powder.
2	Assay	99.0% min.	99.30%
3	pH (5% aq.solution)	5.9 – 6.3	6.15
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	0.18%
10	Sulphated ash	0.05 % max	0.03%
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]



**CHEMIST
(Akash)**



[QC Incharge]



**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

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