



CERTIFICATE OF ANALYSIS

PRODUCT NAME : GLYCINE AR

CAS No	: 56-40-6	Product code	: 23450
Mol. Formula	: NH₂CH₂COOH	Batch No	: MCR-18752
Mol. WT	: 75.07	Mfd.	: June 2019
Date of analysis	: 12/06/19	Exp.	: May 2024

S.R	Test	Specification	Observation
1	Description	White crystalline powder.	White crystalline powder.
2	Assay	99.0% min.	99.23%
3	pH (5% aq.solution)	5.9 – 6.3	6.2
4	Melting point	235-245 ⁰ C	236.6 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	0.06%
10	Sulphated ash	0.05 % max	0.02%
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]

HEAD-QUALITY ASSUARANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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