

CERTIFICATE OF ANALYSIS

Product Name	AMINO ACETIC ACID 99% AR (GLYCINE)		
CAS No.	56-40-6	Code No.	00144
Batch No.	CS02252903	Date of Analysis	18/02/2025
Mfg. Date	Feb-2025	Mol. Weight (g/mol)	75.07
Expiry Date	Jan-2030	Mol. Formula	H ₂ NCH ₂ COOH

Sr.	TESTS	SPECIFICATIONS	RESULTS
1	Appearance	White crystalline powder	White crystalline powder
2	Assay (by HClO ₄ titration)	99.0 - 101.0%	99.68%
3	Identification	Passes test	Passes
4	Solubility	Passes test	Passes
5	Appearance of solution	Passes test	Passes
6	pH (5 % solution)	5.9 - 6.3	5.98
7	Insoluble matter in water	Max 0.005%	0.00031%
8	Hydrolizable substance	Passes test	Passes
9	Substance darkened by H ₂ SO ₄	Passes test	Passes
10	Chloride (Cl)	Max 0.003%	0.0006%
11	Heavy metal (as Pb)	Max 0.001%	0.00023%
12	Sulphate (SO ₄)	Max 0.005%	0.0018%
13	Loss on drying (at 105°C)	Max 0.2%	0.12%
14	Residue on ignition	Max 0.05%	0.01%
15	Ammonium (NH ₄)	Max 0.005%	0.0025%
16	Iron (Fe)	Max 0.001%	0.0003%
17	Arsenic (As)	Max 0.0001%	0.000046%
18	Copper (Cu)	Max 0.0005%	0.00028%
19	Nickel (Ni)	Max 0.0005%	0.00027%
20	Lead (Pb)	Max 0.0005%	0.00019%

Remark: This product complies as per the specifications of Chemnovo.
This is an electronically generated certificate and is valid without a signature.

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CSPL/QC/F/04