

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Amino Acetic Acid 99% (Glycine) AR (For Molecular Biology)

Catalog Number : O-5015

Batch Number : 5015-00000000

CAS Number : 56-40-6

Molecular Weight : 75.07 g/mol

Mol. Formula : $\text{NH}_2\text{CH}_2\text{COOH}$

Expire Date : 60 months

No	Test	Specifications	Results
1	Appearance	A white crystalline powder or crystals or granules	white crystalline powder
2	Assay (Titration by HClO_4)	99.0 - 101.0 %	99.85%
3	Identification	passes test	passes
4	Solubility	passes tes	passes
5	Appearance of solution	passes test	passes
6	pH (5% Solution)	5.9 - 6.3	6.11
7	Insoluble matter in water	max 0.005 %	0.0016%
8	Loss on drying (105 °C)	max 0.2 %	0.14%
9	Residu after ignition	max 0.05 %	0.008%
10	Substances darkened (by H_2SO_4)	passes test	passes
11	Hydrolyzable substances test	passes test	passes
12	Chloride (Cl)	max 0.003 %	0.00043%
13	Sulphate (SO_4)	max 0.005 %	0.0013%
14	Ammonium (NH_4)	max 0.005 %	0.0024%
15	Heavy metals (as Pb)	max 0.001 %	0.00008%
16	Iron (Fe)	max 0.001 %	0.00022%
17	Arsenic (As)	max 0.0001 %	0.00007%
18	Copper (Cu)	max 0.0005 %	0.000022%
19	Nickel (Ni)	max 0.0005 %	0.00016%
20	Lead (Pb)	max 0.0005 %	0.000023%

Corresponds to AR/ACS/for Molecular Biology Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specificationSUDIRO S.Si.
Manager QC