



**SISCO
RESEARCH
LABORATORIES
PVT. LTD.**

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Certificate of Analysis

Product

**64072 - Glycine for molecular biology, 99.5% -
[56-40-6]**

Batch No

9045412

Analysis Date

04-Jan-2023

Date of Manufacture

January 2023

Expiry Date/Re-Test Date

January 2028

Molecular Formula

C₂H₅NO₂

Molecular Weight

75.07

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay	min. 99.5%	99.8%
pH (5% aq. solution)	5.9 - 6.3	5.9
Sulphated Ash	max. 0.05%	0.03%
Loss on drying	max. 0.2%	0.1%
Chloride (Cl)	max. 0.001%	Passes
Sulphate (SO ₄)	max. 0.0025%	Passes
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Ammonium (NH ₄)	max. 0.0005%	Passes
Copper (Cu)	max. 0.0005%	Passes
Homogeneity by TLC	Passes test	Passes
Absorbance (A) of 1M aq. solution in a 1cm cell v/s H ₂ O		
@260nm	max. 0.1	0.03
@280nm	max. 0.1	0.02
DNase, RNase, Protease	Not detected	Not detected

FRM/82/11/4/64072 Rev No. 2 Date 18/03/2017

Prepared by Komal

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Taloja – 410 208, Maharashtra, India

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