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Certificate of Analysis

Product	64072 - Glycine for molecular biology, 99.5% - [56-40-6]
Batch No	9866140
Analysis Date	10-Apr-2024
Date of Manufacture	April 2024
Expiry Date/Re-Test Date	April 2029
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 (NT)	min. 99.5%	99.7%
pH (5% aq. solution)	5.9 - 6.3	6.04
Sulphated Ash	max. 0.05%	0.03%
Loss on drying	max. 0.2%	0.2%
Chloride (Cl)	max. 0.001%	Passes
Sulphate (SO4)	max. 0.0025%	Passes
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Ammonium (NH4)	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 H2O		
@260nm	max. 0.1	0.022
@280nm	max. 0.1	0.018
DNase, RNase, Protease	Not detected	Not detected

FRM/82/11/4/64072 Rev No. 3 Date 19/10/2023

Prepared by Priti

In compliance with the standard specifications of SRL

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

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