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Certificate of Analysis

Product	72938 - Glycine for tissue culture, 99.5% - [56-40-6]
Batch No	5373478
Analysis Date	28-Nov-2022
Date of Manufacture	November 2022
Expiry Date/Re-Test Date	November 2027
Molecular Formula	C ₂ H ₅ NO ₂
Molecular Weight	75.07

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline compound	Crystalline compound
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	6.0
Sulphated Ash	max. 0.05%	0.02%
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
Substances darkened by Sulphuric acid	Passes test	Passes
Hydrolyzable Substances	Passes test	Passes
Suitability for Tissue Culture	Passes	Passes

FRM/82/11/4/72938 Rev No. 1 Date 09/10/2018

Prepared by Amruta

In compliance with the standard specifications of SRL

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

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