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## Certificate of Analysis

<b>Product</b>	<b>34268 - Glycine for cell culture, 99.5% - [56-40-6]</b>
<b>Batch No</b>	<b>1058046</b>
<b>Analysis Date</b>	10-Jan-2022
<b>Date of Manufacture</b>	January 2022
<b>Expiry Date/Re-Test Date</b>	January 2027
<b>Molecular Formula</b>	C <sub>2</sub> H <sub>5</sub> NO <sub>2</sub>
<b>Molecular Weight</b>	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%	99.7%
pH (5% aq. solution)	5.9 - 6.3	5.9
Sulphated Ash	max. 0.05%	0.02%
Loss on drying	max. 0.2%	0.09%
Chloride (Cl)	max. 0.001%	Passes
Sulphate (SO <sub>4</sub> )	max. 0.0025%	Passes
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Ammonium (NH <sub>4</sub> )	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 <sub>2</sub> O		
@260nm	max. 0.1	0.04
@280nm	max. 0.1	0.04
DNase, RNase, Protease	Not detected	Not detected
Suitability for Cell Culture	Passes test	Passes
Bacterial Endotoxin Test (BET) (EU/mg = IU/mg)	< 1.0 EU/mg	Passes

FRM/82/11/4/34268 Rev No. 1 Date 11/01/2022

Prepared by Nilesh

In compliance with the standard specifications of SRL

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

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