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Certificate of Analysis

Product	37449 - Glycine USP - [56-40-6]
Batch No	8626505
Analysis Date	01-Dec-2022
Date of Manufacture	December 2022
Expiry Date/Re-Test Date	November 2025
Molecular Formula	C5H5NO2
Molecular Weight	75.07

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Odourless crystalline powder	Odourless crystalline powder
Solubility	Freely soluble in water, very slightly soluble in alcohol and ether	Complies
Identification (IR Spectrum)	A) Complies	Complies
Assay (On dry basis)	98.5 - 101.5%	99.8%
Residue on ignition	NMT 0.1%	0.03%
Chloride (Cl)	NMT 0.007%	Complies
Sulphate (SO4)	NMT 0.0065%	Complies
Loss on drying	NMT 0.2% at 105 °C for 2 hrs.	0.08%
Related impurities	Any impurity : max 0.1% Total impurities : max 1%	Complies Complies
Reference	USP 44	

FRM/82/11/4/37449 Rev No. 1 Date 15/05/2022

Prepared by **Mayur**

In compliance with the standard specifications of SRL

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

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