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Certificate of Analysis

Product	74072 - Glycine BP - [56-40-6]
Batch No	2676528
Analysis Date	30-Nov-2022
Date of Manufacture	November 2022
Expiry Date/Re-Test Date	October 2025
Molecular Formula	C ₂ H ₅ NO ₂
Molecular Weight	75.07

Test Parameters	Standards	Actual Results
Appearance (Colour)	White or almost white	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility	Freely soluble in water, very slightly soluble in ethanol (96%)	Complies
Identification (IR Spectrum)	A) Passes	Passes
Identification	B) By TLC C) By Chemical test	Complies Complies
Appearance of Solution	Solution is clear (10% in water)	Complies
pH (5% aq. solution)	5.9 - 6.4	6.2
Related substances (By HPLC)	Individual impurity : max 0.1% Any other impurities : max 0.1% Total impurities : max 0.2%	Complies Complies Complies
Ninhydrin - Positive substance	Individual impurity : max 0.1% Total impurities : max 1%	Complies Complies
Chloride (Cl)	Max. 75 ppm	Complies
Ammonia (NH ₃)	At 570nm, NMT area of corresponding peak obtained from reference solution C (0.02%)	Complies
Loss on drying	Max 0.5% (at 105°C for 2hrs)	0.1%
Sulphated Ash	Max 0.1%	0.02%
Assay (On dry basis)	98.5 - 101.0%	99.8%
Reference	BP 2020	

FRM/82/11/4/74072 Rev No. 1 Date 15/05/2022

Prepared by Dnyaneshwar

In compliance with the standard specifications of SRL

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

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

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