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CERTIFICATE OF ANALYSIS

Product Name : **CITRIC ACID MONOHYDRATE**

Batch No.	: Sample COA	Release Date	: 24-Sep-2026
Mol. Formula	: C6H8O7.H2O	Mol. Weight	: 210.14
Code No.	: 02861	CAS No.	: 5949-29-1
Mfg. Date	: Sep-2026	Exp. Date	: Aug-2031
HAZ. / P.G.	: -	UN No.	: -

Sr.	Tests	Specifications	Results
1	Appearance	White or almost white, crystalline powder, colourless crystals or granules, efflorescent	White crystalline powder
2	Assay (by NaOH titration)	99.5 -100.5% (on anhydrous substance)	100.39%
3	Solubility	Very soluble in water, freely soluble in ethanol (96 per cent)	Complies
4	Identifications	Passes BP test	Passes test
5	Appearance of solution	Passes BP test	Passes test
6	Residue on ignition (at 800°C)	Max 0.02%	0.009%
7	Insoluble matter (13.2% in water)	Max 0.005%	0.0025
8	Chloride (Cl)	Max 0.001%	0.0006%
9	Oxalate (as C2H2O4) - as per ACS	Passes test	Passes Test
10	Oxalic acid	Max 0.036%	0.036%
11	Sulphate (SO4)	Max 0.002%	0.0059%
12	Water	7.5 - 9.0%	8.09%
13	Substance carbonizable by hot H2SO4	Passes test	Passes test
14	Lead (Pb)	Max 0.0002%	0.000085%
15	Iron (Fe)	Max 0.0003%	Not detected
16	Phosphate (PO4)	Max 0.001%	0.00049%

CONCLUSION -This above product complies as per the specifications of **PELICAN (TRUST LIES HERE)**

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