



CERTIFICATE OF ANALYSIS

Product Name : CITRIC ACID MONOHYDRATE 99.5-102% AR/ACS
Confirms to BP

Lot No. : B413102204 Analyzed On : 19-Apr-2022
Mol. Formula : C₆H₈O₇.H₂O Mol. Weight : 210.14
Code No. : 02861 CAS No. : 5949-29-1
Mfg. Date : Apr-2022 Exp. Date : Mar-2027
HAZ. / P.G. : - UN No. : -

Sr.	Tests	Specifications	Results
1	Appearance	White crystalline powder	White crystalline powder
2	Assay (by NaOH titration)	99.5-102%	99.72%
3	Residue on ignition (at 800°C)	Max 0.02%	0.016%
4	Insoluble matter (13.2% in water)	Max 0.005%	<0.005%
5	Chloride (Cl)	Max 0.001%	0.00080%
6	Oxalate (as C ₂ H ₂ O ₄) - as per ACS	Passes test	Passes test
7	Substance carbonizable by hot H ₂ SO ₄	Passes test	Passes test
8	Lead (Pb)	Max 0.0002%	Nil
9	Iron (Fe)	Max 0.0003%	Nil
10	Sulphate (SO ₄)	Max 0.002%	0.0019%
11	Phosphate (PO ₄)	Max 0.001%	0.00098%

CONCLUSION -This above product complies as per the specifications of **LOBA CHEMIE PVT. LTD.**

Narayan
Chemist

Shashikant Gaikwad
QC Manager

LOBA CHEMIE PVT. LTD.

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