



CERTIFICATE OF ANALYSIS

Product Name : CITRIC ACID ANHYDROUS 99.5% AR
Lot No. : A381562108 Analyzed On : 30-Aug-2021
Mol. Formula : C₆H₈O₇ Mol. Weight : 192.13
Code No. : 02863 CAS No. : 77-92-9
Mfg. Date : Aug-2021 Exp. Date : Jul-2026
HAZ. / P.G. : - UN No. : -

Sr.	Tests	Specifications	Results
1	Appearance	White crystalline powder	White crystalline powder
2	Assay (alkalimetric)	99.5 - 100.5%	100.5%
3	Identity (IR)	Passes test	Passes test
4	Chloride (Cl)	Max 0.001%	0.00080%
5	Insoluble matter in water	Max 0.005%	<0.005%
6	Iron (Fe)	Max 0.0003%	0.00012%
7	Sulphate (SO ₄)	Max 0.005%	0.0040%
8	Phosphate (PO ₄)	Max 0.001%	0.00079%
9	Heavy metal (as Pb)	Max 0.0005%	0.000020%
10	Arsenic (As)	Max 0.0001%	<0.0001%
11	Mercury (Hg)	Max 0.0001%	<0.0001%
12	Lead (Pb)	Max 0.0002%	0.000020%
13	Oxalate (as C ₂ H ₂ O ₄)	Passes test	Passes test
14	Sulphated ash (at 600°C)	Max 0.05%	0.0068%
15	Substance carbonizable by hot H ₂ SO ₄	Passes test	Passes test
16	Water (by KF)	Max 0.5%	0.49%

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

Shashikant Gaikwad
QC Manager

LOBA CHEMIE PVT. LTD.

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LOBA/QC/FM/01

04/10.03.2021