

CERTIFICATE OF ANALYSIS

PRODUCT NAME : CITRIC ACID PURE (MONOHYDRATE)

CAS No : 5949-29-1
Mol. Formula : C₆H₈O₇.H₂O
Mol. WT : 210.14
Date of analysis : 24/03/25

Product code : 13660
Batch No. : MCR-33543
Mfd. : March 2025
Exp. : Feb. 2030

S.R	Test	Specification	Observation
1	Description	Colourless crystals or white crystalline powder.	Colourless crystals.
2	Assay (acidimetric)	99.0 % w/w min	99.92% w/w
3	Water	7.5 – 9 %	8.78%
4	Chloride (Cl)	0.001% max	< 0.001%
5	Sulphate (SO₄)	0.01% max	< 0.01%
6	Oxalate (C₂O₄)	0.05% max	< 0.05%
7	Lead (Pb)	0.01% max	< 0.01%
8	Iron (Fe)	0.0005% max	< 0.0005%
9	Zinc (Zn)	0.001% max	< 0.001%
10	Arsenic (As)	0.0001% max	< 0.0001%
11	Calcium (Ca)	0.02% max	< 0.02%
12	Barium (Ba)	0.002% max	< 0.002%
13	Readily carbonisable subs.	passes test	passes test
14	Sulphated ash (600°)	0.05% max	0.006%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Shruti)**



[QC Incharge]



**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

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