

CERTIFICATE OF ANALYSIS

PRODUCT NAME : CITRIC ACID AR (MONOHYDRATE)

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

Product code : 22660
Batch No : MCAR-01390
Mfd. : March 2025
Exp. : Feb. 2030

S.R	Test	Specification	Observation
1	Description	Colourless crystals or white crystalline powder.	Colourless crystals.
2	Assay (by acidimetry)	99.5 % w/w min	99.92% w/w
3	Water insoluble matter	0.003% max	0.001%
4	Sulphated ash	0.01% max	0.006%
5	Chloride (Cl)	0.0005% max	< 0.0005%
6	Sulphate (SO ₄)	0.002% max	< 0.002%
7	Oxalate (C ₂ O ₄)	0.005% max	< 0.005%
8	Readily carbonizable substances	passes test	Passes test
9	Lead(Pb)	0.0001% max	< 0.0001%
10	Iron (Fe)	0.0001% max	< 0.0001%
11	Phosphate (PO ₄)	0.0005% max	<0.0005%
12	Arsenic (As)	0.00001% max	<0.00001%
13	Calcium (Ca)	0.002% max	<0.002%
14	Copper (Cu)	0.00005% max	<0.00005%
15	Nickel (Ni)	0.0001% max	<0.0001%
16	Magnesium (Mg)	0.0005% max	<0.0005%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Shruti)**



[QC Incharge]



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

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