

CERTIFICATE OF ANALYSIS

PRODUCT NAME : CITRIC ACID AR (MONOHYDRATE)

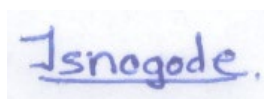
CAS No : 5949-29-1
Mol. Formula : $C_6H_8O_7 \cdot H_2O$
Mol. WT : 210.14
Date of analysis : 23/09/24

Product code : 22660
Batch No : MCAR-00622
Mfd. : Sept. 2024
Exp. : Aug. 2029

S.R	Test	Specification	Observation
1	Description	Colourless crystals or white crystalline powder.	White crystalline powder.
2	Assay (by acidimetry)	99.5 % w/w min	99.70% w/w
3	Water insoluble matter	0.003% max	0.002%
4	Sulphated ash	0.01% max	0.005%
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
(Jyoti)**

[QC Incharge]



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

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