

CERTIFICATE OF ANALYSIS

PRODUCT NAME : CITRIC ACID AR (MONOHYDRATE)

CAS No	: 5949-29-1	Product code	: 22660
Mol. Formula	: C ₆ H ₈ O ₇ .H ₂ O	Batch No	: MCRT-29941
Mol. WT	: 210.14	Mfd.	: Dec. 2023
Date of analysis	: 15/12/23	Exp.	: Nov. 2028

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	99.69% w/w
3	Water insoluble matter	0.003% max	0.002%
4	Sulphated ash	0.01% max	0.002%
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]

[QC Incharge]

**CHEMIST
(Durvas)**

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

Note: Computer generated image requires no sign.

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