

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-18434
Mol. WT	: 210.14	Mfd.	: March 2019
Date of analysis	: 30/03/19	Exp.	: Feb. 2024

S. R	Test	Specification	Observation
	Description	Colourless or white crystals or crystalline powder.	White crystalline powder.
1	Assay (by acidimetry)	99.5 % w/w min	99.88% w/w
2	Water insoluble matter	0.003% max	0.001%
3	Sulphated ash	0.01% max	0.008%
4	Chloride (Cl)	0.0005% max	< 0.0005%
5	Sulphate (SO₄)	0.002% max	< 0.002%
6	Oxalate (C₂O₄)	0.005% max	< 0.005%
7	Readily carbonizable substances	passes test	Passes test
8	Lead(Pb)	0.0001% max	< 0.0001%
9	Iron (Fe)	0.0001% max	< 0.0001%
10	Phosphate (PO₄)	0.0005% max	<0.0005%
11	Arsenic (As)	0.00001% max	<0.00001%
12	Calcium (Ca)	0.002% max	<0.002%
13	Copper (Cu)	0.00005% max	<0.00005%
14	Nickel (Ni)	0.0001% max	<0.0001%
15	Magnesium (Mg)	0.0005% max	<0.0005%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

HEAD-QUALITY ASSUARANCE
(G.G.Salian)

Note: Computer generated image requires no sign.