

CERTIFICATE OF ANALYSIS

PRODUCT NAME : CITRIC ACID ANHYDROUS AR

CAS No	: 77-92-9	Product code	: 22680
Mol. Formula	: C ₆ H ₈ O ₇	Batch No.	: MCRT-28901
Mol. WT	: 192.13	Mfd.	: July 2023
Date of analysis	: 29/07/23	Exp.	: June 2028

S.R	Test	Specification	Observation
1	Description	Colourless crystals or white crystalline powder.	White crystalline powder.
2	Assay (acidimetric)	99.8%w/w min.	99.86%w/w
3	Water insoluble matter	0.003% max	0.001%
4	Chloride (Cl)	0.005% max	<0.005%
5	Sulphate (SO₄)	0.002% max	<0.002%
6	Oxalate (C₂O₄)	0.005% max	<0.005%
7	Lead (Pb)	0.0002% max	<0.0002%
8	Copper (Cu)	0.001% max	<0.001%
9	Iron (Fe)	0.0003% max	<0.0003%
10	Arsenic (As)	0.0002% max	<0.0002%
11	Calcium (Ca)	0.005% max	<0.005%
12	Loss on drying (105°C)	0.5% max	0.13%
13	Sulphated ash (600°C)	0.01% max	0.008%
14	Readily carbonizable substances	passes test	passes test

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**CHEMIST
(Priyanka)**

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

Note: Computer generated image requires no sign.