

CERTIFICATE OF ANALYSIS

PRODUCT NAME : CITRIC ACID ANHYDROUS AR

CAS No : 77-92-9
Mol. Formula : $C_6H_8O_7$
Mol. WT : 192.13
Date of analysis : 20/04/24

Product code : 22680
Batch No. : MCAR-00050
Mfd. : April 2024
Exp. : March 2029

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	0.002%
4	Chloride (Cl)	0.005% max	<0.005%
5	Sulphate (SO ₄)	0.002% max	<0.002%
6	Oxalate (C ₂ O ₄)	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	0.17%
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
(Sonu)

HEAD-QUALITY ASSURANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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