

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 : 06/12/24

Product code : 22680
Batch No. : MCAR-00906
Mfd. : Dec. 2024
Exp. : Nov. 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.	99.88%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	0.25%
13	Sulphated ash (600°C)	0.01% max	0.007%
14	Readily carbonizable substances	passes test	passes test

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Durvas)**

[QC Incharge]



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

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Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.