

CERTIFICATE OF ANALYSIS

PRODUCT NAME : CITRIC ACID AR (MONOHYDRATE)

CAS No : 5949-29-1
Mol. Formula : C₆H₈O₇.H₂O
Mol. WT : 210.14
Date of analysis : 16/05/22

Product code : 22660
Batch No : MCRT-25661
Mfd. : May 2022
Exp. : April 2027

S. R	Test	Specification	Observation
1	Description	Colourless or white crystals or crystalline powder.	White crystalline powder
2	Assay (by acidimetry)	99.5 % w/w min	99.78% w/w
3	Water insoluble matter	0.003% max	0.002%
4	Sulphated ash	0.01% max	0.01%
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]

HEAD-QUALITY ASSUARANCE
(G.G.Salian)

Note: Computer generated image requires no sign.