

CERTIFICATE OF ANALYSIS

Date: 22/05/18

PRODUCT NAME : CITRIC ACID PURE (MONOHYDRATE)

CAS No : 5949- 29- 1
Mol. Formula : $C_6H_8O_7 \cdot H_2O$
Mol. WT : 210.14
Exp. : April 2023

Product code : 13660
Batch No : MCR -16180
Mfd. : May 2018

S.R	Test	Specification	Observation
1	Description	Colourless or white crystals or crystalline powder.	White crystalline powder.
2	Assay (acidimetric)	99.0 % w/w min	99.96% w/w
3	Water	7.5 - 9%	8.29%
4	Chloride (Cl)	0.001%max	< 0.001%
5	Sulphate (SO₄)	0.01%max	< 0.01%
6	Oxalate (C₂O₄)	0.05%max	< 0.05%
7	Lead (Pb)	0.01%max	< 0.01%
8	Iron (Fe)	0.0005%max	< 0.0005%
9	Zinc (Zn)	0.001%max	< 0.001%
10	Arsenic (As)	0.0001%max	< 0.0001%
11	Calcium (Ca)	0.02%max	< 0.02%
12	Barium (Ba)	0.002%max	< 0.002%
13	Readily carbonisable subs.	passes test	passes test
14	Sulphated ash (600°)	0.05%max	0.004%

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.