

CERTIFICATE OF ANALYSIS

PRODUCT NAME : CITRIC ACID PURE (MONOHYDRATE)

CAS No	: 5949- 29- 1	Product code	: 13660
Mol. Formula	: C ₆ H ₈ O ₇ .H ₂ O	Batch No	: MCR -17469
Mol. WT	: 210.14	Mfd.	: Dec. 2018
Date of analysis	: 08/12/18	Exp.	: Nov. 2023

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	99.70% w/w
3	Water	7.5 - 9%	8.59%
4	Chloride (Cl)	0.001%max	< 0.001%
5	Sulphate (SO ₄)	0.01%max	< 0.01%
6	Oxalate (C ₂ O ₄)	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	0.01%

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.