

CERTIFICATE OF ANALYSIS

Date: 23/02/17

PRODUCT NAME : CITRIC ACID PURE (MONOHYDRATE)

CAS No	: 5949- 29- 1	Product code	: 13660
Mol. Formula	: $C_6H_8O_7 \cdot H_2O$	Batch No	: MCR -13251
Mol. WT	: 210.14	Mfd.	: Feb. 2017
Exp.	: Jan. 2022		

S.R	Test	Specification	Observation
1	Assay (acidimetric)	99.0 % w/w min	99.82% w/w
2	Water	7.5 - 9%	8.6%
3	Chloride (Cl)	0.001%max	< 0.001%
4	Sulphate (SO ₄)	0.01%max	< 0.01%
5	Oxalate (C ₂ O ₄)	0.05%max	< 0.05%
6	Lead (Pb)	0.01%max	< 0.01%
7	Iron (Fe)	0.0005%max	< 0.0005%
8	Zinc (Zn)	0.001%max	< 0.001%
9	Arsenic (As)	0.0001%max	< 0.0001%
10	Calcium (Ca)	0.02%max	< 0.02%
11	Barium (Ba)	0.002%max	< 0.002%
12	Readily carbonisable subs.	passes test	passes test
13	Sulphated ash (600°C)	0.05%max	0.02%

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.