



CERTIFICATE OF ANALYSIS

Date: 31/03/18

PRODUCT NAME : ORTHOPHOSPHORIC ACID AR

CAS No : 7664-38-2
Mol. Formula : H₃PO₄
Mol. WT : 98.00
Exp. : Feb. 2023

Product code : 24570
Batch No : MCRT-15843
Mfd. : March 2018

S. R	Test	Specification	Observation
1	Assay (acidimetric)	85.0 % w/w min	85.21% w/w
2	Wt. per ml (at 20 ⁰ c)	about 1.75g	1.75 g
3	Chloride(Cl)	0.0005% max	< 0.0005%
4	Nitrate(NO ₃)	0.0005% max	< 0.0005%
5	Silicate (SiO ₂)	0.025% max	< 0.025%
6	Sulphate(SO ₄)	0.002% max	< 0.002%
7	Arsenic (As)	0.0001% max	< 0.0001%
8	Calcium (Ca)	0.004% max	< 0.004%
9	Copper (Cu)	0.0005% max	< 0.0005%
10	Iron (Fe)	0.0015% max	< 0.0015%
11	Lead (Pb)	0.001% max	< 0.001%
12	Magnesium (Mg)	0.004% max	< 0.004%
13	Manganese (Mn)	0.0005% max	< 0.0005%
14	Potassium (K)	0.005% max	< 0.005%
15	Sodium (Na)	0.05% max	< 0.05%
16	Substances reducing KMnO ₄	0.001% max	< 0.001%
17	Volatile acids(as CH ₃ COOH)	0.001% max	< 0.001%

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.

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