



CERTIFICATE OF ANALYSIS

PRODUCT NAME : ORTHOPHOSPHORIC ACID AR

CAS No : 7664-38-2
Mol. Formula : H₃PO₄
Mol. WT : 98.00
Date of analysis : 13/04/23

Product code : 24570
Batch No. : MCRT-28089
Mfd. : April 2023
Exp. : March 2028

S.R	Test	Specification	Observation
1	Description	A clear colourless viscous liquid.	A clear colourless viscous liquid.
2	Assay	85.0 % w/w min	85.38% w/w
3	Wt. per ml (at 20 ⁰ c)	about 1.75g	1.75g
4	Chloride (Cl)	0.0005% max	< 0.0005%
5	Nitrate (NO ₃)	0.0005% max	< 0.0005%
6	Silicate (SiO ₂)	0.025% max	< 0.025%
7	Sulphate (SO ₄)	0.002% max	< 0.002%
8	Arsenic (As)	0.0001% max	< 0.0001%
9	Calcium (Ca)	0.004% max	< 0.004%
10	Copper (Cu)	0.0005% max	< 0.0005%
11	Iron (Fe)	0.0015% max	< 0.0015%
12	Lead (Pb)	0.001% max	< 0.001%
13	Magnesium (Mg)	0.004% max	< 0.004%
14	Manganese (Mn)	0.0005% max	< 0.0005%
15	Potassium (K)	0.005% max	< 0.005%
16	Sodium (Na)	0.05% max	< 0.05%
17	Substances reducing KMnO ₄	0.001% max	< 0.001%
18	Volatile acids(as CH ₃ COOH)	0.001% max	< 0.001%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

CHEMIST
(Asmita)

HEAD-QUALITY ASSURANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai – 400 002 (INDIA)
Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : info@molychem.net
Works: Plot No. B/9, Badlapur M.I.D.C., OPP.Shobhavat Textile Co.,
Kulgaon, Badlapur (E), Dist.-Thane-421 503