



CERTIFICATE OF ANALYSIS

PRODUCT NAME : ORTHOPHOSPHORIC ACID AR 88.0-93.0%

CAS No : 7664-38-2

Mol. Formula : H_3PO_4

Mol. WT : 98.00

Date of analysis : 28/09/23

Product code : 60221

Batch No. : MCR-29389

Mfd. : Sept. 2023

Exp. : Aug. 2028

S.R	Test	Specification	Observation
1	Description	A clear colourless viscous liquid.	A clear colourless viscous liquid.
2	Assay	88.0 - 93.0 % w/w min	89.15% w/w
3	Wt. per ml (at 20⁰c)	1.70 - 1.76g	1.72 g
4	Chloride (Cl)	0.0005% max	< 0.0005%
5	Nitrate (NO₃)	0.0005% max	< 0.0005%
6	Silicate (SiO₂)	0.025% max	< 0.025%
7	Sulphate (SO₄)	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 KMnO₄	0.001% max	< 0.001%
18	Volatile acids (as CH₃COOH)	0.001% max	< 0.001%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**CHEMIST
(Priyanka)**

**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

Note: Computer generated image requires no sign.

MOLYCHEM H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: info@molychem.net • Web: www.molychem.net

Reg. Office : 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.

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