



CERTIFICATE OF ANALYSIS

Product Name : ORTHOPHOSPHORIC ACID 85% AR
Lot No. : A536062412 Analyzed On : 23-Dec-2024
Mol. Formula : H₃PO₄ Mol. Weight : 98.00
Code No. : 00233 CAS No. : 7664-38-2
Mfg. Date : Dec-2024 Exp. Date : Nov-2029
HAZ. / P.G. : 8 / III UN No. : 1805

Sr.	Tests	Specifications	Results
1	Appearance	Clear colorless viscous liquid	Clear colorless viscous liquid
2	Assay	Min 85%	86.27%
3	Weight/ mL at 20°C	About 1.71 g	1.70 g
4	Chloride (Cl)	Max 0.0005%	0.00015%
5	Nitrate (NO ₃)	Max 0.0005%	0.00015%
6	Silicate (SiO ₂)	Max 0.025%	0.002%
7	Sulphate (SO ₄)	Max 0.002%	0.001%
8	Arsenic (As)	Max 0.0001%	<0.0001%
9	Calcium (Ca)	Max 0.004%	0.000042%
10	Copper (Cu)	Max 0.0005%	0.00011%
11	Iron (Fe)	Max 0.0015%	0.0001%
12	Lead (Pb)	Max 0.001%	0.00017%
13	Magnesium (Mg)	Max 0.004%	0.000009%
14	Manganese (Mn)	Max 0.0005%	0.000009%
15	Potassium (K)	Max 0.005%	0.000007%
16	Substance reducing KMnO ₄ (as O)	Max 0.001%	<0.001%
17	Volatile acids (as CH ₃ COOH)	Max 0.001%	<0.001%

CONCLUSION -This above product complies as per the specifications of **LOBA CHEMIE PVT. LTD.**

Vikas Satale
Chemist

Jagruti B. Patil
QC Manager

LOBA CHEMIE PVT. LTD.

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