# Qualikems Lifesciences Pvt. Ltd.

**Ho & Works : Plot No. 68-69,G.I.D.C Industrial Estate, Nandesari, Vadodara-391340 (Guj.)**
**Telefax : 91-265-2841531,2841532,2841534,2841535**
**Email: salesindia@qualikems.com ,www.qualikems.com**


## CERTIFICATE OF ANALYSIS

| | | | | | |
|---|---|---|---|---|---|
| **Name of Product** | : | Orthophosphoric acid 85 % | **CAS No.** | : | 7664-38-2 |
| **Molecular Formula** | : | $H_3PO_4$ | **Molecular Weight** | : | 98.0 g/mole |
| **Batch No.** | : | QF2611079 | **Grade** | : | LR |
| **Mfg. Date** | : | November-2026 | **Retest Date** | : | October -2031 |

| Sr. No. | Tests | Specification | Observation |
|---|---|---|---|
| 1 | Appearance | Clear, Colorless liquid free from suspended particles | Complies |
| 2 | Assay(acidimetric) | 85-88% | 85.62 % |
| | **Maximum Limits of Impurities :** | | |
| 3 | Volatile acids(as $CH_3COOH$) | 0.001% | 0.0004 % |
| 4 | Lead(Pb) | 0.001% | 0.0003 % |
| 5 | Chloride(CI) | 0.005 % | 0.002% |
| 6 | Fluoride(F) | 0.001 % | 0.0006 % |
| 7 | Nitrate($NO_3$) | 0.0005% | 0.0003 % |
| 8 | Potassium(K) | 0.005% | 0.002 % |
| 9 | Phosphite, hypophosphite(as H3PO3) | 0.02 % | 0.01 % |
| 10 | Sulphate($SO_4$) | 0.01% | 0.006 % |
| 11 | Heavy metals(as Pb) | 0.001 % | 0.0002 % |
| 12 | Arsenic(As) | 0.0002% | 0.0001 % |
| 13 | Calcium, Aluminium | Passes test | Complies |
| 14 | Iron(Fe) | 0.005% | 0.003 % |
| 15 | Copper(Cu) | 0.002% | 0.001 % |
| 16 | Sodium(Na) | 0.03% | 0.01 % |
| 17 | Zinc(Zn) | 0.002% | 0.001 % |

**Conclusion:** Product complies as per above specification.
**Note:** This document has been produced electronically and it is valid without signature.
Quality of our product tested and reported in the COA are as per the specification and without any prejudice/liability what so ever the end product performance


**Sales Office : 5531,Basti Harphool singh Sadar Thana Road, Delhi-110006, INDIA**
**Tel : +91-11-23618475/23618476 | Fax:+91-11-23678476**