

## Certificate of Analysis

Date of Testing: 2025-02-11 17:44:44

Date of Next Testing: 2029-02-10 17:44:44

Product Name: **Phosphoric acid**

CAS Number: 7664-38-2

Specifications & Purity: AR, ≥85 wt. % in H<sub>2</sub>O

Lot #: B2507092

SKU #: **P112024**

Version: **10**

Analysis #: **471888**

| Parameter                                                | Limit Values      | Result           |
|----------------------------------------------------------|-------------------|------------------|
| Sulfate(SO <sub>4</sub> <sup>2-</sup> )                  | 0-0.003 (%)       | 0.00300 %        |
| Potassium(K)                                             | 0-0.005 (%)       | 0.00002 %        |
| Cadmium(Cd)                                              | 0-0.0005 (%)      | 0.00000 %        |
| Iron(Fe)                                                 | 0-0.002 (%)       | 0.00030 %        |
| Copper(Cu)                                               | 0-5 (ppm)         | 0.00000 ppm      |
| Manganese(Mn)                                            | 0-0.00005 (%)     | 0.00000 %        |
| Lead(Pb)                                                 | 0-0.001 (%)       | 0.000000 %       |
| Sodium(Na)                                               | 0-0.05 (%)        | 0.00060 %        |
| (As)Arsenic                                              | 0-0.00005 (%)     | 0.00000 %        |
| Color test (APHA)                                        | 0-25              | 25.00000         |
| Zinc(Zn)                                                 | 0-0.001 (%)       | 0.00020 %        |
| Nickel(Ni)                                               | 0-0.0005 (%)      | 0.00000 %        |
| Chloride (Cl <sup>-</sup> )                              | 0-0.0003 (%)      | 0.00030 %        |
| Assay                                                    | 85-100 (%)        | 85.83000 %       |
| (NO <sub>3</sub> )Nitrate                                | 0-0.0005 (%)      | 0.00050 %        |
| Reducing substances (As H <sub>3</sub> P <sub>03</sub> ) | 0-0.01 (%)        | 0.00690 %        |
| Volatile acid                                            | 0-0.0002 (mmol/g) | 0.00020 mmol/g   |
| Solvent(H <sub>2</sub> O)                                | Conform           | Conform          |
| Appearance (P112024)                                     | Colorless Liquid  | Colorless liquid |



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A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager