

**Certificate of Analysis**

**Product: Phosphoric Acid 85% Semiconductor/ Electronic Grade**

**Item Number: PHAS85**

**CAS#: 7664-38-2**

**Grade: Semiconductor**

**Lot Number: 5002165/1.1**

**Manufacture Date: 02/06/2026**

**Retest Date : 02/05/2029**

**Country of Origin: United States**

| Tested Property                          | Specification                                      | Analysis  |
|------------------------------------------|----------------------------------------------------|-----------|
| Appearance                               | Colorless & free from suspended matter or sediment | Pass      |
| Assay                                    | 85 - 87%                                           | 85.60%    |
| Color (APHA)                             | ≤10                                                | 3         |
| Insoluble matter                         | ≤0.001%                                            | <0.0005%  |
| Chloride                                 | ≤3 ppm                                             | <1 ppm    |
| Sulfate                                  | ≤0.003%                                            | <0.001%   |
| Nitrate                                  | ≤5 ppm                                             | <1 ppm    |
| Volatile Acids (as CH <sub>3</sub> COOH) | ≤0.001%                                            | <0.001%   |
| Antimony                                 | ≤0.002%                                            | <0.0002%  |
| Calcium                                  | ≤0.002%                                            | <0.00002% |
| Magnesium                                | ≤0.002%                                            | <0.00002% |
| Potassium                                | ≤0.005%                                            | <0.00002% |
| Sodium                                   | ≤0.025%                                            | <0.0001%  |
| Heavy metals (as Pb)                     | ≤0.001%                                            | <0.0005%  |
| Iron                                     | ≤0.2 ppm                                           | <0.2 ppm  |
| Arsenic                                  | ≤1 ppm                                             | <0.2 ppm  |
| Manganese                                | ≤0.5 ppm                                           | <0.01 ppm |
| Reducing Substance                       | Passes the test                                    | Pass      |

Store in a cool, dry, and well-ventilated environment.

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