

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-08-11 18:37:16  
 Date of Next Testing: 2029-08-10 18:37:16  
 Product Name: **Phosphoric acid**  
 CAS Number: 7664-38-2  
 Specifications & Purity: UltraBio™, ≥85%(T)  
 Lot #: H2603078  
 SKU #: **P433772**  
 Version: **1**  
 Analysis #: **342937**  
 Storage Temperature: Room temperature

| Parameter                                      | Limit Values | Result      |
|------------------------------------------------|--------------|-------------|
| Assay                                          | 85-100 (%)   | 85.75000 %  |
| Sodium(Na)                                     | 0-20 (ppm)   | 3.00000 ppm |
| Nickel(Ni)                                     | 0-1 (ppm)    | 0.00000 ppm |
| Lead(Pb)                                       | 0-1 (ppm)    | 0.00000 ppm |
| Strontium(Sr)                                  | 0-1 (ppm)    | 0.00000 ppm |
| Thallium(Tl)                                   | 0-1 (ppm)    | 0.00000 ppm |
| Zinc(Zn)                                       | 0-1 (ppm)    | 0.00000 ppm |
| Arsenic traces(MHS-AAS)                        | 0-0.5 (ppm)  | 0.00000 ppm |
| Antimony traces(MHS-AAS)                       | 0-2 (ppm)    | 0.00000 ppm |
| Chloride (Cl-)                                 | 0-2 (ppm)    | 0.00000 ppm |
| Nitrate(NO3)                                   | 0-5 (ppm)    | 0.00000 ppm |
| Sulfate(SO <sub>4</sub> )                      | 0-30 (ppm)   | 0.00000 ppm |
| UV-ABS.at 260 nm                               | 0-0.050      | 0.02900     |
| UV-ABS.at 280 nm                               | 0-0.040      | 0.02100     |
| Molybdenum(Mo)                                 | 0-1 (ppm)    | 0.48120 ppm |
| Solubility(1M In water,clear colorless liquid) | Pass         | Pass        |
| Residue (filter test)                          | no residue   | no residue  |



[QualityAssurance@aladdinsci.com](mailto:QualityAssurance@aladdinsci.com)

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

John Su  
QA & QC Manager