

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-10 18:36:38  
Date of Next Testing: 2027-11-30 18:36:38  
Product Name: **Periodic acid**  
CAS Number: 10450-60-9  
Specifications & Purity:  $\geq 99\%$   
Lot #: L2509121  
SKU #: **P104608**  
Version: **0**  
Analysis #: **576030**  
Storage Temperature: Protected from light, Room temperature, Desiccated, Cool

| Parameter   | Limit Values                             | Result                                   |
|---|--|--|
| Ignition Residue  | 0-0.05 (%)                               | 0.00000 %                                |
| Iron(ICP)   | 0-30 (ppm)                               | 0.13910 ppm                              |
| Heavy metal (as Pb)   | 0-0.005 (%)                              | 0.00000 %                                |
| Purity(redox titration)   | 99-101 (%)                               | 99.02000 %                               |
| Appearance (P104608)  | white or almost white powder or crystals | white or almost white powder or crystals |
| Solubility in H <sub>2</sub> O , Colorless, Clear, 100 mg/mL, pass H <sub>2</sub> O |  | Pass                                     |
| X-Ray Diffraction   | Conforms to Structure                    | Conforms to Structure                    |



John Su  
QA & QC Manager