

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-24 14:21:18

Date of Next Testing: 2027-09-14 14:21:18

Product Name: **Periodic acid**

CAS Number: 10450-60-9

Specifications & Purity:  $\geq 99\%$

Lot #: I2523541

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