

## Certificate of Analysis

Date of Testing: 2024-09-18 15:24:49

Date of Next Testing: 2026-09-08 15:24:49

Product Name: **Periodic acid**

CAS Number: 10450-60-9

Specifications & Purity:  $\geq 99.0\%$

Lot #: L2207886

SKU # **P104608**

Version **0**

Analysis #: **412194**

Storage Temperature: Desiccated

| Parameter                                                                        | Limit Values                             | Result                                   |
|----------------------------------------------------------------------------------|------------------------------------------|------------------------------------------|
| Ignition Residue                                                                 | 0-0.05 (%)                               | 0.01 %                                   |
| Purity(redox titration)                                                          | 99-101 (%)                               | 99.01 %                                  |
| Iron(ICP)                                                                        | 0-30 (ppm)                               | 0.61 ppm                                 |
| Heavy metal (as Pb)                                                              | 0-0.005 (%)                              | 0.00 %                                   |
| 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