

## Certificate of Analysis

Date of Testing: 2024-12-25 14:53:11

Date of Next Testing: 2026-12-15 14:53:11

Product Name: **Periodic acid**

CAS Number: 10450-60-9

Specifications & Purity:  $\geq 99\%$

Lot #: L2424338

SKU #: **P104608**

Version: **0**

Analysis #: **446428**

Storage Temperature: Desiccated

| Parameter                                                                        | Limit Values                             | Result                                   |
|----------------------------------------------------------------------------------|------------------------------------------|------------------------------------------|
| Ignition Residue                                                                 | 0-0.05 (%)                               | 0.00 %                                   |
| Purity(redox titration)                                                          | 99-101 (%)                               | 99.68 %                                  |
| Iron(ICP)                                                                        | 0-30 (ppm)                               | 4.38 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                    |



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