

## Certificate of Analysis

Date of Testing: 2024-07-24 10:24:18

Date of Next Testing: 2026-07-14 10:24:18

Product Name: **Periodic acid**

CAS Number: 10450-60-9

Specifications & Purity: ACS reagent,99%

Lot #: G2423053

SKU # **P104609**

Version **0**

Analysis #: **392460**

Storage Temperature: Desiccated

| Parameter                                   | Limit Values                             | Result                                   |
|---------------------------------------------|------------------------------------------|------------------------------------------|
| Insoluble matter: (10% in H <sub>2</sub> O) | 0-0.01 (%)                               | 0.00 %                                   |
| Heavy metal (as Pb)                         | 0-0.005 (%)                              | 0.00 %                                   |
| Total sulfur as SO <sub>4</sub> (ICP)       | 0-100 (ppm)                              | 15.00 ppm                                |
| Iron(ICP)                                   | 0-30 (ppm)                               | 0.81 ppm                                 |
| Other halogen(as Cl)                        | 0-100 (ppm)                              | 23.60 ppm                                |
| Purity(redox titration)                     | 99-101 (%)                               | 99.08 %                                  |
| Sulfate Ash                                 | 0-0.01 (%)                               | 0.00 %                                   |
| Appearance (P104609)                        | white or almost white powder or crystals | white or almost white powder or crystals |
| X-Ray Diffraction                           | Conforms to Structure                    | Conforms to Structure                    |



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