

## Certificate of Analysis

Date of Testing: 2025-03-26 16:25:57

Date of Next Testing: 2029-03-25 16:25:57

Product Name: **Sodium perchlorate monohydrate**

CAS Number: 7791-07-3

Specifications & Purity: AR, ≥99%

Lot #: C2521711

SKU #: **S109393**

Version: **2**

Analysis #: **485748**

| Parameter                                   | Limit Values          | Result                |
|---------------------------------------------|-----------------------|-----------------------|
| Heavy metal (as Pb)                         | 0-0.001 (%)           | 0.00 %                |
| Assay(NaClO <sub>4</sub> ·H <sub>2</sub> O) | 99-100 (%)            | 99.00 %               |
| Sulfate(SO <sub>4</sub> <sup>2-</sup> )     | 0-0.005 (%)           | 0.00 %                |
| Chloride (Cl <sup>-</sup> )                 | 0-0.005 (%)           | 0.00 %                |
| Total Nitrogen                              | 0-0.002 (%)           | 0.00 %                |
| Clarity of solution                         | pass                  | Pass                  |
| X-Ray Diffraction                           | Conforms to Structure | Conforms to Structure |
| Appearance(S109393)                         | White Solid           | White Solid           |



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