

Certificate of Analysis

Date of Testing: 2022-06-16 16:33:20
Date of Next Testing: 2026-06-15 16:33:20
Product Name: **Sodium perchlorate**
CAS Number: 7601-89-0
Specifications & Purity: ACS, ≥98.0%
Lot #: C2218320
SKU #: **S105268**
Analysis: **077911**
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|----------------------------|-------------------------|-------------------------|
| Insoluble matter in H2O | 0-0.005 (%) | 0.00 % |
| Sulfate(SO42-) | 0-0.002 (%) | 0.00 % |
| Calcium(Ca) | 0-0.02 (%) | 0.00 % |
| PH(5% in water) | 6-8 | 6.92 |
| Iron(Fe) | 0-5 (ppm) | 0.00 ppm |
| Chloride Content | 0-0.003 (%) | 0.00 % |
| Potassium(K) | 0-0.05 (%) | 0.01 % |
| Heavy metal (as Pb) | 0-5 (ppm) | 0.00 ppm |
| Water by Karl Fischer | 0-1 (%) | 0.17 % |
| Purity(Titration by AgNO3) | 98-102 (%) | 99.99 % |
| Appearance (S105268) | White Powder and Chunks | White Powder and Chunks |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



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QA & QC Manager