

Certificate of Analysis

Date of Testing: 2023-04-09 22:09:08
Date of Next Testing: 2027-04-08 22:09:08
Product Name: **Sodium perchlorate**
CAS Number: 7601-89-0
Specifications & Purity: ACS, ≥98.0%
Lot #: D2304253
SKU #: **S105268**
Analysis: **202647**
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 | 6.26 |
| Iron(Fe) | 0-5 (ppm) | 0.00 ppm |
| Chloride Content | 0-0.003 (%) | 0.00 % |
| Potassium(K) | 0-0.05 (%) | 0.00 % |
| Heavy metal (as Pb) | 0-5 (ppm) | 0.00 ppm |
| Water by Karl Fischer | 0-1 (%) | 0.10 % |
| Purity(Titration by AgNO3) | 98-102 (%) | 98.53 % |
| 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