

## Certificate of Analysis

Date of Testing: 2024-01-24 10:50:35  
Date of Next Testing: 2028-01-23 10:50:35  
Product Name: **Sodium perchlorate**  
CAS Number: 7601-89-0  
Specifications & Purity: ACS, ≥98.0%  
Lot #: A2415512  
SKU #: **S105268**  
**Analysis:** **308392**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Insoluble matter in H <sub>2</sub> O	0-0.005 (%)	0.00 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.002 (%)	0.00 %
Calcium(Ca)	0-0.02 (%)	0.00 %
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 (%)	0.30 %
Purity(Titration by AgNO <sub>3</sub> )	98-102 (%)	98.20 %
PH(5% in water)	6-8	7.88
Appearance (S105268)	White Powder and Chunks	White Powder and Chunks
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager