

## Certificate of Analysis

Date of Testing: 2023-07-19 13:35:22  
Date of Next Testing: 2027-07-18 13:35:22  
Product Name: **Sodium perchlorate**  
CAS Number: 7601-89-0  
Specifications & Purity: ACS, ≥98.0%  
Lot #: G23121076  
SKU #: **S105268**  
**Analysis:** **240088**  
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	7.05
Iron(Fe)	0-5 (ppm)	0.00 ppm
Chloride Content	0-0.003 (%)	0.00 %
Potassium(K)	0-0.05 (%)	0.03 %
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Water by Karl Fischer	0-1 (%)	0.58 %
Purity(Titration by AgNO3)	98-102 (%)	98.13 %
Appearance (S105268)	White Powder and Chunks	White Powder and Chunks
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager