

Certificate of Analysis

Date of Testing: 2024-04-08 16:44:35
Date of Next Testing: 2028-04-07 16:44:35
Product Name: **Sodium perchlorate**
CAS Number: 7601-89-0
Specifications & Purity: ACS, ≥98.0%
Lot #: D2402466
SKU #: **S105268**
Analysis: **323006**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Insoluble matter in H ₂ O	0-0.005 (%)	0.00 %
Sulfate(SO ₄ ²⁻)	0-0.002 (%)	0.00 %
Calcium(Ca)	0-0.02 (%)	0.00 %
PH(5% in water)	6-8	7.56
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 (%)	0.05 %
Purity(Titration by AgNO ₃)	98-102 (%)	98.32 %
Appearance (S105268)	White Powder and Chunks	White Powder and Chunks
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager