

Certificate of Analysis

Date of Testing: 2024-09-29 09:43:51

Date of Next Testing: 2028-09-28 09:43:51

Product Name: **Potassium perchlorate**

CAS Number: 7778-74-7

Specifications & Purity: ACS, $\geq 99\%$

Lot #: I2419623

SKU #: **P103993**

Version: **0**

Analysis #: **415734**

Parameter	Limit Values	Result
Iron(Fe)	0-5 (ppm)	0.13 ppm
Sodium(Na)	0-0.02 (%)	0.00 %
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Insoluble matter in H ₂ O	0-0.005 (%)	0.00 %
Purity(Titration by AgNO ₃)	99-100.5 (%)	99.99 %
Calcium(Ca)	0-0.005 (%)	0.00 %
Chloride Content	0-0.003 (%)	0.00 %
Sulfate(SO ₄ ²⁻)	0-0.001 (%)	0.00 %
Appearance (P103993)	white powder	White powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager