

Certificate of Analysis

Date of Testing: 2024-01-31 12:08:28

Date of Next Testing: 2027-01-30 12:08:28

Product Name: **Potassium fluoride**

CAS Number: 7789-23-3

Specifications & Purity: ACS reagent, ≥99.0%

Lot #: A2426249

SKU #: **P434123**

Analysis: **308229**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Sodium(Na)	0-0.2 (%)	0.04 %
Iron(Fe)	0-0.001(%)	0.00 %
Heavy Metals (by ICP-OES)	0-0.001 (%)	0.00030 %
Purity (Titration by NaOH)	99-102.5 (%)	99.43 %
Chloride Content	0-0.005 (%)	0.00 %
Sulfate(SO ₄)	0-0.005 (%)	0.00000 %
Titration Acid	0-0.03 (meq/g)	0.00000 meq/g
Titration Base	0-0.01 (meq/g)	0.00000 meq/g
Assay (K ₂ SiF ₆)	0-0.1 (%)	0.09500 %
Appearance(P434123)	White Crystals, Powder or Crystalline Powder or Chunks	White Crystals, Powder or Crystalline Powder or Chunks
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager