

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-02-23 17:20:09

Date of Next Testing: 2027-02-22 17:20:09

Product Name: **Potassium fluoride**

CAS Number: 7789-23-3

Specifications & Purity: ACS, ≥99%

Lot #: B2418473

SKU #: **P434123**

Version: **1**

Analysis #: **308138**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Sodium(Na)	0-0.2 (%)	0.03 %
Iron(Fe)	0-0.001(%)	0.00 %
Heavy Metals (by ICP-OES)	0-0.001 (%)	0.00003 %
Purity (Titration by NaOH)	99-102.5 (%)	99.08 %
Chloride Content	0-0.005 (%)	0.00 %
Sulfate(SO4)	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 (%)	0.06000 %
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



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager