

Certificate of Analysis

Date of Testing: 2023-12-13 08:47:32

Date of Next Testing: 2027-12-12 08:47:32

Product Name: **Potassium fluoride**

CAS Number: 7789-23-3

Specifications & Purity: Analytical Reagent, powder, 99.0%

Lot #: L2305060

SKU #: **P116293**

Version: **0**

Analysis #: **294301**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Free acid(HF)	0-0.05 (%)	0.04 %
Insoluble matter in H ₂ O	0-0.1 (%)	0.00 %
Assay	99-100 (%)	99.85 %
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
free alkali (K ₂ CO ₃)	0-0.05 (%)	0.03 %
Chloride (Cl ⁻)	0-0.002 (%)	0.00 %
Iron(Fe)	0-0.0005 (%)	0.00 %
fluosilieate (K ₂ SiF ₆)	0-0.05 (%)	0.03 %
Sulfate(SO ₄ ²⁻)	0-0.01 (%)	0.01 %
Loss on Ignition(650°C)	0-1 (%)	0.45 %
Appearance (P116293)	White powder	White powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager