

Certificate of Analysis

Date of Testing: 2023-03-18 14:56:37

Date of Next Testing: 2027-03-17 14:56:37

Product Name: **Potassium fluoride**

CAS Number: 7789-23-3

Specifications & Purity: Analytical Reagent, powder, 99.0%

Lot #: C2316352

SKU #: **P116293**

Analysis: **191885**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Free acid(HF)	0-0.05 (%)	0.03 %
Loss on Ignition(650°C)	0-1 (%)	0.02 %
Insoluble matter in H ₂ O	0-0.1 (%)	0.00 %
Assay	99-100 (%)	99.71 %
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
free alkali (K ₂ CO ₃)	0-0.05 (%)	0.01 %
Chloride (Cl ⁻)	0-0.002 (%)	0.00 %
Iron(Fe)	0-0.0005 (%)	0.00 %
fluosilieate (K ₂ SiF ₆)	0-0.05 (%)	0.02 %
Sulfate(SO ₄ ²⁻)	0-0.01 (%)	0.00 %
Appearance (P116293)	White powder	White powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager