

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

| | |
|--------------------------|------------------------------------|
| Date of Testing: | 2022-03-18 17:12:23 |
| Date of Next Testing: | 2026-03-17 17:12:23 |
| Product Name: | Potassium hydrogen fluoride |
| CAS Number: | 7789-29-9 |
| Specifications & Purity: | Analytical Reagent,99.0% |
| Lot #: | C2209360 |
| SKU # | P110483 |
| Analysis: | 074309 |
| Storage Temperature: | Argon charged |

| Parameter | Limit Values | Result |
|----------------------------------|---|---|
| Nickel(Ni) | 0-50 (ppm) | 0.10 ppm |
| (Pb)Lead | 0-50 (ppm) | 0.65 ppm |
| Copper(Cu) | 0-50 (ppm) | 0.43 ppm |
| Chloride (Cl-) | 0-100 (ppm) | 2.51 ppm |
| Sulfate(SO42-) | 0-100 (ppm) | 1.47 ppm |
| Purity (Titration by NaOH) | 98.5-101.5 (%) | 100.57 % |
| Cobalt(Co) | 0-50 (ppm) | 0.00 ppm |
| Zinc(Zn) | 0-50 (ppm) | 0.00 ppm |
| Calcium(Ca) | 0-50 (ppm) | 11.16 ppm |
| Iron(Fe) | 0-50 (ppm) | 2.87 ppm |
| Cadmium(Cd) | 0-50 (ppm) | 16.24 ppm |
| Appearance (P110483) | white to off-white powder, crystals and/or chunks | white to off-white powder, crystals and/or chunks |
| ICP:Confirms Potassium Component | Confirmed | Confirmed |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager