

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-10 18:16:40

Date of Next Testing: 2029-09-09 18:16:40

Product Name: **Potassium fluoride dihydrate**

CAS Number: 13455-21-5

Specifications & Purity: Premium-Grade Reagents,  $\geq 98.5\%$

Lot #: I2502636

SKU #: **P113842**

Version: **0**

Analysis #: **558803**

Storage Temperature: Room temperature

| Parameter                               | Limit Values | Result     |
|-----------------------------------------|--------------|------------|
| Iron(Fe)                                | 0-0.0005 (%) | 0.00012 %  |
| Chloride (Cl-)                          | 0-0.002 (%)  | 0.00190 %  |
| Fluosilicate(SiO <sub>3</sub> )         | 0-0.05 (%)   | 0.00360 %  |
| Alkalinity                              | 0-0.05 (%)   | 0.01080 %  |
| Assay                                   | 99-100 (%)   | 99.96980 % |
| Sulfate(SO <sub>4</sub> <sup>2-</sup> ) | 0-0.01 (%)   | 0.00700 %  |
| Heavy metal (as Pb)                     | 0-0.001 (%)  | 0.00000 %  |
| Acidity(as HF)                          | 0-0.05 (%)   | 0.00010 %  |
| Clarity of solution , $\leq 3\#$        | Pass         | Pass       |



John Su  
QA & QC Manager