

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-06-13 16:12:30

Date of Next Testing: 2027-06-12 16:12:30

Product Name: **Sodium fluoride**

CAS Number: 7681-49-4

Specifications &amp; Purity: ACS, ≥99%

Lot #: F2306536

SKU #: **S111590**Version: **1**Analysis #: **218580**

| Parameter                               | Limit Values          | Result                |
|---|-----------------------|-----------------------|
| Potassium(K)                            | 0-0.02 (%)            | 0.02 %                |
| Chloride (Cl-)                          | 0-0.005 (%)           | 0.00 %                |
| Insoluble matter in H <sub>2</sub> O    | 0-0.02 (%)            | 0.00 %                |
| Heavy metal (as Pb)                     | 0-0.003 (%)           | 0.00 %                |
| Sulfate(SO <sub>4</sub> <sup>2-</sup> ) | 0-0.03 (%)            | 0.00 %                |
| Titration Acid                          | 0-0.03 (mg/g)         | 0.00 mg/g             |
| Loss on drying                          | 0-0.3 (%)             | 0.28 %                |
| Sulfite(SO <sub>3</sub> <sup>2-</sup> ) | 0-0.005 (%)           | 0.00 %                |
| Iron(Fe)                                | 0-0.003 (%)           | 0.00 %                |
| Purity                                  | 99-100 (%)            | 99.97 %               |
| Sodium fluosilicate                     | 0-0.1 (%)             | 0.00000 %             |
| Titration Base                          | 0-0.01 (mg/g)         | 0.00 mg/g             |
| Appearance (S111590)                    | White powder          | White powder          |
| X-Ray Diffraction                       | Conforms to Structure | Conforms to Structure |

John Su  
QA & QC Manager