

## Certificate of Analysis

Date of Testing: 2024-12-05 17:56:18

Date of Next Testing: 2028-12-04 17:56:18

Product Name: **Sodium fluoride**

CAS Number: 7681-49-4

Specifications & Purity: ACS, ≥99%

Lot #: L2404475

SKU # **S111590**

Version **1**

Analysis #: **438124**

| Parameter               | Limit Values          | Result                |
|-------------------------|-----------------------|-----------------------|
| Potassium(K)            | 0-0.02 (%)            | 0.00 %                |
| Chloride (Cl-)          | 0-0.005 (%)           | 0.00 %                |
| Insoluble matter in H2O | 0-0.02 (%)            | 0.00 %                |
| Heavy metal (as Pb)     | 0-0.003 (%)           | 0.00 %                |
| Sulfate(SO42-)          | 0-0.03 (%)            | 0.00 %                |
| Titration Acid          | 0-0.03 (mg/g)         | 0.00 mg/g             |
| Loss on drying          | 0-0.3 (%)             | 0.14 %                |
| Sulfite(SO3 2-)         | 0-0.005 (%)           | 0.00 %                |
| Iron(Fe)                | 0-0.003 (%)           | 0.00 %                |
| Purity                  | 99-100 (%)            | 99.99 %               |
| Titration Base          | 0-0.01 (mg/g)         | 0.00 mg/g             |
| Sodium fluosilicate     | 0-0.1 (%)             | 0.00000 %             |
| Appearance (S111590)    | White powder          | White powder          |
| X-Ray Diffraction       | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager