

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2025-09-12 18:51:35
Date of Next Testing: 2028-09-11 18:51:35
Product Name: **Sodium fluoride**
CAS Number: 7681-49-4
Specifications & Purity: Ph.Eur., Suitable for Analysis, ISO, Premium pure
Lot #: I2510082
SKU #: **S433802**
Version: **1**
Analysis #: **576281**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay(precipitative titration)	99.5-102.5 (%)	99.99670 %
Insoluble matter in H ₂ O	0-0.01 (%)	0.00000 %
Free Alkali (as NaOH)	0-0.04 (%)	0.00000 %
Free acid(as hydrofluoric acid)	0-0.05 (%)	0.00000 %
Chloride (Cl ⁻)	0-0.01 (%)	0.00000 %
hexafluorosilicate(SiF ₆ 2 ⁻)	0-0.075 (%)	0.00000 %
Sulfate(SO ₄ 2 ⁻)	0-0.01 (%)	0.00000 %
Sulfite(SO ₃ 2 ⁻)	0-0.005 (%)	0.00000 %
Heavy metals(as Pb)	0-0.001 (%)	0.00000 %
Calcium(Ca)	0-0.004 (%)	0.00000 %
Copper(Cu)	0-0.0002 (%)	0.00000 %
Iron(Fe)	0-0.002 (%)	0.00000 %
Potassium(K)	0-0.02 (%)	0.00110 %
Loss on drying(150°C,4h)	0-0.2 (%)	0.00130 %
Appearance(S433802)	White Powder or Crystals	White Powder or Crystals
X-Ray Diffraction	Conforms to Structure	Conforms to Structure

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