



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

Product Information

Product Name Sodium Fluoride
Product Number:SFL-20260209
Batch Number:SFL-SH2026020901
Brand SIGALD
CAS Number 7681-49-4
MDL Number MFCD00003527
Formula NaF
Formula Weight 41.99 g/mol
Quality Release Date 09 FEB 2026

表格

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	White to off-white	White	-	Visual Inspection
Appearance (Form)	Crystalline powder/crystals	Crystalline powder	-	Visual Inspection
Purity (NaF)	≥ 98.0%	98.6%	%	Volumetric Method
Moisture Content	≤ 0.5%	0.2%	%	Karl Fischer Titration
Fluoride (F ⁻) Content	45.0-46.5%	45.8%	%	Ion Selective Electrode Method
Chloride (Cl ⁻)	≤ 0.05%	0.02%	%	Silver Nitrate Titration
Sulfate (SO ₄ ²⁻)	≤ 0.05%	0.01%	%	Turbidimetric Method
Heavy Metals (Pb)	≤ 5 ppm	1.1 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Iron (Fe)	≤ 5 ppm	0.9 ppm	ppm	Spectrophotometry
Insoluble Matter in Water	≤ 0.1%	0.03%	%	Gravimetric Method

CertificationThis batch of product has been tested in accordance with industrial standards for sodium fluoride and meets all specified requirements. It is qualified for use.

Issue Date: 09 FEB 2026