



Qualikems Lifesciences Pvt. Ltd.

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CERTIFICATE OF ANALYSIS

Name of Product	: Sodium Fluoride	CAS No.	: 7681-49-4
Molecular Formula	: NaF	Molecular Weight	: 41.99 g/mole
Batch No.	: QF2509338	Grade	: AR
Mfg. Date	: September-2025	Retest Date	: August-2030

Sr. No.	Tests	Specification	Observation
1	Appearance	A white powder	Complies
2	Assay	Min.99.0%	99.56 %
	Maximum Limits of Impurities:		
3	Insoluble matter	0.01%	0.004%
4	Loss on drying(105°C)	0.2%	0.1 %
5	Acidity(as HF)	0.05%	0.02 %
6	Free alkali	0.04%	0.03%
7	Chloride (Cl)	0.005%	< 0.005%
8	Hexafluorosilicate (SiF ₆)	0.1%	0.004%
9	Sulphate (SO ₄)	0.01%	< 0.01%
10	Sulphite (as SO ₃)	0.005%	0.002%
11	Heavy metals (as Pb)	0.001%	0.0004%
12	Iron (Fe)	0.002%	< 0.002%
13	Lead (Pb)	0.0005%	0.0003%
11	Loss on drying(105°C)	0.5%	0.3 %

Conclusion: Product complies as per above specification.

Note: This document has been produced electronically and it is valid without signature.

Quality of our product tested and reported in the COA are as per the specification and without any prejudice/liability what so ever the end product performance

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