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Registered Off. : 101-A, Deep Enclave, Pocket 'D', Ashok Vihar, Phase-III, Delhi-110 052 (India)
Corporate Off. : 152, Vardhman City Centre, Near Shakti Nagar Underbridge, Delhi-110052 (India)
Works : Plot No.1022, Modern Industrial Estate, Bahadurgarh-124507, Haryana (India)
Telephone : 0091 - 11 - 23646422 E-mail : tecpharm@gmail.com
Website : www.technopharmchem.com

CERTIFICATE OF ANALYSIS

Name of the Sample : Sodium Fluoride AR
Batch No. : 227661
Date of Mfg. : June 2024
Date of Exp : May 2029
Register No. : 2024-25
Qty of Sample : 500gm
Date of Analysis : June 2024

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	A White Powder
2.	Assay	99.36%	Min.99%
3.	Insoluble matter	0.004%	Max.0.01%
4.	Loss on drying at 105°C	0.11%	Max.0.2%
5.	Acidity (as HF)	0.045%	Max.0.05%
6.	Free Alkali	0.012%	Max.0.04%
7.	Chloride	0.005%	Max.0.005%
8.	Hexafluorosilicate	0.08%	Max.0.1%
9.	Sulphate	0.005%	Max.0.01%
10.	Sulphite	0.005%	Max.0.005%
11.	Heavy metals (as Pb)	0.0004%	Max.0.001%
12.	Calcium	0.004%	Max.0.004%
13.	Iron	0.0063%	Max.0.002%
14.	Lead	0.0005%	Max.0.0005%

Chief Chemist