

706 – SODIUM FLUORIDE, AR GRADE

REF NO: TBL/QA/SS/LC/706	STANDARD SPECIFICATION FOR SODIUM FLUORIDE AR GRADE	Rev. No: 03
Issue No: 04		Review Date: 21/03/2025
Issue Date: 22/03/2022		Product code: 706

PRODUCT PROPERTIES

C.A.S Number	7681-49-4
Chemical Formula	NaF
Formula weight	41.99
Functional Uses	Sodium fluoride may be used as a fluorinating agent for chlorine-containing compounds via halogen-exchange reaction
Standard Packaging	500 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White color fine powder.
Solubility	Freely soluble in water.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Loss on drying (at 105 ^o C)	NMT – 0.2%
Acidity (HF)	NMT – 0.2%
Alkalinity	NMT – 0.04%
Fluorosilicate (SiF ₆)	NMT – 0.1%
Chloride (Cl)	NMT – 0.04%
Sulphate (SO ₄)	NMT – 0.01%
Iron (Fe)	NMT – 0.002%
Lead (Pb)	NMT – 0.0005%
Assay	NLT – 99.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

