

PRODUCT IDENTITY

PRODUCT NAME	Sodium fluoride	PRODUCT NUMBER	S433802
Grades & Purity	Ph.Eur., Suitable for Analysis, ISO, Premium pure	VERSION	3
CAS NUMBER	7681-49-4	FORMULA	NaF
FORMULA WEIGHT	41.99g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Appearance(S433802)	White Powder or Crystals
Assay(precipitative titration)	99.5-102.5 (%)
Insoluble matter in H2O	0-0.01 (%)
Free Alkali (as NaOH)	0-0.04 (%)
Free acid(as hydrofluoric acid)	0-0.05 (%)
Chloride (Cl-)	0-0.01 (%)
hexafluorosilicate(SiF ₆ ²⁻)	0-0.075 (%)
Sulfate(SO ₄ ²⁻)	0-0.01 (%)
Sulfite(SO ₃ ²⁻)	0-0.005 (%)
Heavy metals(as Pb)	0-0.001 (%)

PARAMETER	SPECIFICATION / LIMIT
Calcium(Ca)	0-0.004 (%)
Copper(Cu)	0-0.0002 (%)
Iron(Fe)	0-0.002 (%)
Potassium(K)	0-0.02 (%)
Loss on drying(150°C,4h)	0-0.2 (%)
X-Ray Diffraction	Conforms to Structure