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Product Specifications

NaF

Catalogue Number	01523
Product	Sodium fluoride
CAS Number	7681-49-4
Molecular Formula	NaF
Molecular Weight	41.99
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Appearance	White crystalline powder
Solubility	4.3 g in 100 mL water at 25 °C
Melting Point	990 °C (Approx.)
Heavy Metals	≤ 0.003% (as Pb)
Anion	Chloride (Cl ⁻) : ≤ 0.005% Sulfate (SO ₄ ²⁻) : ≤ 0.03% Sulfite (SO ₃ ²⁻) : ≤ 0.005%
Cation	Iron (Fe) : ≤ 0.003% Potassium (K) : ≤ 0.02%
Loss on Drying	≤ 0.3%
Insoluble material	≤ 0.02%
Titration Acid	≤ 0.03 meq/g
Titration Base	Base : ≤ 0.01 meq/g
Assay by titration	≥ 99%
Grade	ACS reagent
Storage	Store at RT
Additional Information	Sodium fluosilicate (Na ₂ SiF ₆) : ≤ 0.1%

For Laboratory Use Only