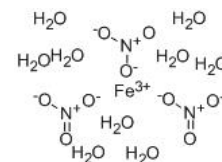


Technical Data Sheet

Ferric nitrate nonahydrate

Compound Information

Product Name:	Ferric nitrate nonahydrate
CAS No.:	7782-61-8
Molecular Formula:	FeH ₁₈ N ₃ O ₁₈
Molecular Weight:	404
Storage:	Store at RT
Revision Date:	2026-04-15



Analytical Information

Tests	Specifications
Appearance	Pale mauve crystals or off-white to pale purple moist crystals
Solubility	very soluble in ethanol, acetone
Anion	Chloride (Cl) : ≤5 ppm Sulfate (SO ₄) : ≤0.01%
Cation	Calcium (Ca) : ≤0.01% Magnesium (Mg) : ≤0.005% Sodium (Na) : ≤0.05% Potassium (K) : ≤0.005%
Insoluble material	≤ 0.005%
Assay by titration	98 - 101%
Specification Reference	ACS reagent
Additional Information	Identification : To pass test For Laboratory Use Only
IR	Pass test

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