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Product Specifications



Catalogue Number	30248
Product	Strontium nitrate anhydrous
	Nitric acid, strontium salt
CAS Number	10042-76-9
Molecular Formula	Sr(NO ₃) ₂
Molecular Weight	211.63

Appearance	White crystalline powder
Solubility	Clear and colorless solution (10% in Water)
Melting Point	570 °C
Density	2.99
Anion	Chloride (Cl ⁻): ≤ 0.001% Sulfate (SO ₄ ²⁻): ≤ 0.001%
Cation	Barium (Ba): ≤ 0.5% Calcium (Ca): ≤ 0.05% Copper (Cu): ≤ 0.0002% Iron (Fe): ≤ 0.0005% Lead (Pb): ≤ 0.0002% Magnesium (Mg): ≤ 0.001% Potassium (K): ≤ 0.005% Sodium (Na): ≤ 0.005%
Insoluble material	≤ 0.003% (in Water)
Assay	≥ 99%
Grade	AR Grade
Application	Used in preparation of strontium standard solutions Preparation of Strontium Salts, pigments, manufacture of pyrotechnics for production of red color, signal lights, marine signals, railroad flares, in matches and inexpensive colorant for fireworks.

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Storage

Store at RT

For Laboratory Use Only