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Product Specifications



Catalogue Number 30246

Product **Strontium chloride hexahydrate**

CAS Number 10025-70-4

Molecular Formula $\text{SrCl}_2 \cdot 6\text{H}_2\text{O}$

Molecular Weight 266.62

Warnings *Hygroscopic!*

Appearance White needles, crystals

Solubility Clear and colorless (10% in water)

Anion Nitrate (NO_3^-): $\leq 0.002\%$
Sulfate (SO_4^{2-}): $\leq 0.001\%$

Cation Barium (Ba): $\leq 0.1\%$
Calcium (Ca): $\leq 0.05\%$
Copper (Cu): $\leq 0.0002\%$
Iron (Fe): $\leq 0.0005\%$
Lead (Pb): $\leq 0.0002\%$
Magnesium (Mg): $\leq 0.0002\%$
Potassium (K): $\leq 0.005\%$
Sodium (Na): $\leq 0.001\%$

pH 5.0-7.0 (5% solution)

Insoluble material $\leq 0.003\%$ (in Water)

Assay $\geq 99\%$

Grade AR Grade

Application It is used in preparation of strontium standard solutions. Strontium Chloride is used for the formulation of Strontium Salts, pigments, boiler detergent, coloring agent for pyrotechnics, glass manufacturing, laboratory reagent & dental toothpaste.

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Storage

Store at RT

For Laboratory Use Only