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Certificate of Analysis

Catalogue Number 30248
Lot Number 002154-2016-014
Product **Strontium nitrate anhydrous**

Nitric acid, strontium salt

CAS Number 10042-76-9
Molecular Formula Sr(NO₃)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⁻): 0.0002%
Sulfate (SO₄²⁻): < 0.001%
Cation Barium (Ba): 0.0012%
Calcium (Ca): 0.00091%
Copper (Cu): 0.000005%
Iron (Fe): 0.00003%
Lead (Pb): Not detected
Magnesium (Mg): 0.00017%
Potassium (K): 0.0014%
Sodium (Na): 0.0014%
pH 6.3 (5% solution)
Insoluble material 0.0017% (in Water)
Assay 99.91%
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

Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager