

# *Chem-Impex International, Inc.*

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**Manufacturing site:**

825 Dillon Drive

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## *Certificate of Analysis*

<b>Catalogue Number</b>	30246
<b>Lot Number</b>	002154-2016-033
<b>Product</b>	<b>Strontium chloride hexahydrate</b>

<b>CAS Number</b>	10025-70-4
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<b>Molecular Formula</b>	$\text{SrCl}_2 \cdot 6\text{H}_2\text{O}$
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<b>Molecular Weight</b>	266.62
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<b>Appearance</b>	White needles, crystals
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<b>Solubility</b>	Clear and colorless (10% in water)
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<b>Anion</b>	Nitrate ( $\text{NO}_3^-$ ): < 0.002% Sulfate ( $\text{SO}_4^{2-}$ ): 0.0005%
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<b>Cation</b>	Barium (Ba): 0.0001% Calcium (Ca): 0.0022% Copper (Cu): 0.00002% Iron (Fe): 0.00005% Lead (Pb): 0.00008% Magnesium (Mg): 0.00005% Potassium (K): 0.0013% Sodium (Na): 0.0008%
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<b>pH</b>	6.25 (5% solution)
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<b>Insoluble material</b>	0.0022% (in Water)
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<b>Assay</b>	99.92%
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<b>Grade</b>	AR Grade
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<b>Application</b>	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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<b>Storage</b>	Store at RT
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**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**

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

**Bala Kumar**  
**Quality Control Manager**