



Product Specification

Product Name: STRONTIUM CHLORIDE Hexahydrate AR

Alternate Name(s)

Description

White crystalline needles; odourless; sharp bitter taste.

Properties

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

Molecular Weight: 266.61

Product Code: SA062

CAS No. 10025-70-4

General Information:

Soluble in alcohol. Non combustible material.

Hazard and Safety Data

UN Group: None Allocated

Class: None Allocated

UN Number: None Allocated

Hazchem code: None Allocated

CS MSDS Code: 1CHA3

Poison schedule: Not Scheduled

Emergency

Procedure Guide No.: N/A

Quality Specification

Assay: 99.0 - 103.0%

Specific Properties and Impurities [Typical levels]:

pH of a 5% solution (@ 25 °C)	5.0-7.0
Insoluble matter	≤ 0.005%
Sulfate (SO ₄)	≤ 0.001%
Heavy metals (as Pb)	≤ 0.0005%
Barium (Ba)	≤ 0.05%
Calcium (Ca)	≤ 0.05%
Iron (Fe)	≤ 0.0005%
Magnesium (Mg)	≤ 0.0002%
Loss of 6H ₂ O	150 °C
Specific Gravity	1.964
Solubility in Water (@ 40 °C)	2058 g/L

CONFORMS TO ACS

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38 - 50 Bedford Street, Gillman SA 5013, Australia ABN 19 008 264 211 PO Box 201, Port Adelaide SA 5015, Australia
Telephone +61 8 8440 2000 Fax +61 8 8440 2001 E-mail: sales@chemsupply.com.au Web: www.chemsupply.com.au

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