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Product Specification

Product Name:
Strontium chloride hexahydrate – ACS reagent, 99%

Product Number: 255521
CAS Number: 10025-70-4
MDL: MFCD00149865
Formula: Cl₂Sr · 6H₂O
Formula Weight: 266.62 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form) Powder, Crystals, Crystalline Powder, Granules and/or Chunks	Conforms to Requirements
ICP Major Analysis Confirms Strontium Component	Confirmed
Titration by AgNO ₃ (% SrCl ₂ ·6H ₂ O)	99.0 - 103.0 %
Insoluble matter c = 13.3%; Water	≤ 0.005 %
Barium (Ba)	≤ 0.05 %
Calcium (Ca)	≤ 0.05 %
Iron (Fe)	≤ 5 ppm
Heavy Metal as Pb	≤ 5 ppm
Magnesium (Mg)	≤ 2 ppm
pH c = 5%, Water @ 25°C	5.0 - 7.0
Sulfate (SO ₄)	≤ 0.001 %
Recommended Retest Period 3 Years	-----

Specification: PRD.0.ZQ5.10000017643

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.