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Product Specification

Product Name:
Tin(II) chloride dihydrate - ACS reagent, 98%

Product Number:	243523	$\text{SnCl}_2 \cdot 2\text{H}_2\text{O}$
CAS Number:	10025-69-1	
MDL:	MFCD00149863	
Formula:	$\text{Cl}_2\text{Sn} \cdot 2\text{H}_2\text{O}$	
Formula Weight:	225.65 g/mol	

TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder or Crystals
ICP Major Analysis Confirms Sn Component	Confirmed
Titration by Iodine	98.0 - 103.0 %
Iron (Fe)	≤ 0.003 %
Sodium (Na)	≤ 0.01 %
Lead (Pb)	≤ 0.01 %
Calcium (Ca)	≤ 0.005 %
Potassium (K)	≤ 0.005 %
Solubility (Turbidity) c = 5g/10ml; 50% HCl	Clear
Sulfate Approximately 0.003%	Pass
Meets ACS Requirements	Current ACS Specification

Specification: PRD.1.ZQ5.10000028623

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.