

**Product name: STANNOUS CHLORIDE (TIN CHLORIDE)**

Article No.	551707
Grade	AR/ACS
Purity	98%
CAS No.	10025-69-1
Molecular Formula	$\text{SnCl}_2 \cdot 2\text{H}_2\text{O}$
Molecular Weight	225.63
H.S. Code	2827.3990
Shelf Life	60 Months

- **Physical properties**

Physical State at 20°C	Solid
Color	Colorless crystals
Odour	Slight odor of hydrochloric acid
Melting Point/Freezing Point [°C]	37 - 38°C
Boiling Point [°C]	652°C
Density [g/cm <sup>3</sup> ]	2.71
Solubility in Water [% weight]	Soluble in water

- **Specifications**

<b>Appearance</b>	Colorless crystals or white crystalline powder
<b>Assay (as <math>\text{SnCl}_2 \cdot 2\text{H}_2\text{O}</math>; iodometric)</b>	98.0 - 103.0%
<b>Solubility HCl (5 g/10mL; 50% HCl)</b>	Clear
<b>Sulphate (<math>\text{SO}_4</math>)</b>	Approx 0.003% (Passes ACS test)
<b>Calcium (Ca)</b>	Max 0.005%
<b>Iron (Fe)</b>	Max 0.003%
<b>Lead (Pb)</b>	Max 0.01%
<b>Potassium (K)</b>	Max 0.005%
<b>Sodium (Na)</b>	Max 0.01%
<b>Packings</b>	250 gm