

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-07-04 11:45:17  
Date of Next Testing: 2024-07-03 11:45:17  
Product Name: **Ttin chloride**  
CAS Number: 7646-78-8  
Specifications & Purity: Analytical Reagent  
Lot #: G2201583  
SKU #: **T102839**  
**Analysis:** **100968**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Titration by AgNO <sub>3</sub> )	98.5-101.5 (%)	100.08 %
Antimony(Sb)	0-0.005 (%)	0.00 %
(As)Arsenic	0-0.0005 (%)	0.00 %
Substances not precipitated by hydrogen sulfide	0-0.05 (%)	0.02 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.01 (%)	0.01 %
Iron(Fe)	0-0.001 (%)	0.00 %
Appearance (T102839)	Colorless liquid	Colorless liquid
Free chlorine(Cl <sub>2</sub> )	Pass	Pass
ICP:Confirms Tin Component	Confirmed	Confirmed



John Su  
QA & QC Manager