

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-03-08 10:48:39  
 Date of Next Testing: 2026-03-07 10:48:39  
 Product Name: **Tin(II) chloride dihydrate**  
 CAS Number: 10025-69-1  
 Specifications & Purity: ≥99.99% metals basis  
 Lot #: C2204173  
 SKU #: **S111955**  
**Analysis:** **055902**  
 Storage Temperature: Argon charged

Parameter	Limit Values	Result
Iron(Fe)	0-0.003 (ppm)	0.00 ppm
Sodium(Na)	0-0.01 (%)	0.01 %
Calcium(Ca)	0-0.005 (%)	0.00 %
Lead(Pb)	0-0.01 (%)	0.01 %
Potassium(K)	0-0.005 (%)	0.00 %
Total Metallic Impuritie	0-100 (ppm)	94.00 ppm
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	99.99 %
Assay (Titration with Iodine)	98-103 (%)	99.92 %
Appearance (S111955)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
ICP:Confirms Sn Component	Confirmed	Confirmed
Solubility in HCL	pass	Pass
Sulfate(SO42-)	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager