

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2023-08-21 15:18:56
Date of Next Testing: 2027-08-20 15:18:56
Product Name: **Tin(II) chloride dihydrate**
CAS Number: 10025-69-1
Specifications & Purity: ≥99.99% metals basis
Lot #: H2315084
SKU #: **S111955**
Analysis: **216837**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Iron(Fe)	0-0.003 (ppm)	0.00140 ppm
Sodium(Na)	0-0.01 (%)	0.00320 %
Calcium(Ca)	0-0.005 (%)	0.00158 %
Lead(Pb)	0-0.01 (%)	0.00340 %
Assay (Titration with Iodine)	98-103 (%)	98.67000 %
Potassium(K)	0-0.005 (%)	0.00120 %
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	99.99200 %
Total Metallic Impuritie	0-100 (ppm)	80.00000 ppm
ICP:Confirms Sn Component	Confirmed	Confirmed
Solubility in HCL	pass	Pass
Sulfate(SO42-)	pass	Pass
Appearance (S111955)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
X-Ray Diffraction	Conforms to Structure	Conforms to Structure

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A handwritten signature in black ink that reads "John Su". The script is fluid and cursive.

John Su
QA & QC Manager