

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-06-16 09:54:26  
Date of Next Testing: 2026-06-15 09:54:26  
Product Name: **Tin powder**  
CAS Number: 7440-31-5  
Specifications & Purity: 99.5% , Particle size  $\leq 5\mu\text{m}$   
Lot #: F2205401  
SKU #: **T283639**  
**Analysis:** **083948**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.81%
Particle size	0-5 ( $\mu\text{m}$ )	2.53 $\mu\text{m}$
total metallic impurities(by ICP Atomic emission)	0-5000 (ppm)	1864.00 ppm
Appearance (T283639)	Grey to black powder	grey to black powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
ICP:Confirms Tin Component	Confirmed	Confirmed



John Su  
QA & QC Manager