

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-09-10 16:31:56  
Date of Next Testing: 2028-09-09 16:31:56  
Product Name: **Tin**  
CAS Number: 7440-31-5  
Specifications & Purity: AR, ≥99.5 %, Particle size; 2-4 mm  
Lot #: I2409439  
SKU #: **T131678**  
Version: **0**  
Analysis #: **128148**

| Parameter                  | Limit Values                             | Result                                   |
|----------------------------|------------------------------------------|------------------------------------------|
| Copper(Cu)                 | 0-0.005 (%)                              | 0.00 %                                   |
| Iron(Fe)                   | 0-0.01 (%)                               | 0.00 %                                   |
| (As)Arsenic                | 0-1 (ppm)                                | 0.00 ppm                                 |
| Particle size              | 2-4 (mm)                                 | 2.30 mm                                  |
| Antimony(Sb)               | 0-0.02 (%)                               | 0.01 %                                   |
| Purity Titration by EDTA   | 99.5-100 (%)                             | 99.90 %                                  |
| (Pb)Lead                   | 0-0.005 (%)                              | 0.00 %                                   |
| ICP:Confirms Tin Component | Confirmed                                | Confirmed                                |
| Appearance (T131678)       | Grey to Silver Pellets, Chunks or Powder | Grey to Silver Pellets, Chunks or Powder |



John Su  
QA & QC Manager