

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-12-14 13:13:13  
Date of Next Testing: 2026-12-13 13:13:13  
Product Name: **Tin oxide**  
CAS Number: 18282-10-5  
Specifications & Purity: PrimorTrace™, ≥99.99% metals basis, 50-70nm  
Lot #: L2210347  
SKU #: **S105111**  
Version: **1**  
Analysis #: **161189**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
mean particle size	50-70 (nm)	69.26000 nm
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	99.99 %
Trace Metal Analysis	0-200 (ppm)	99.00 ppm
Appearance (S105111)	Off-White to Grey Powder	Off-White to Grey Powder
ICP:Confirms Sn Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager