

## Certificate of Analysis

Date of Testing: 2023-03-10 18:22:36  
Date of Next Testing: 2027-03-09 18:22:36  
Product Name: **Antimony(III) oxide**  
CAS Number: 1309-64-4  
Specifications & Purity: nanopowder, <250 nm particle size (TEM), ≥99.9% trace metals basis  
Lot #: C2302097  
SKU #: **A294913**  
Analysis: **172101**

Parameter	Limit Values	Result
Trace Metal Analysis	0-1000 (ppm)	337.00 ppm
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.97 %
Average particle size	0-250 (nm)	118.79 nm
Titration by Iodine(Sb)	81.9 - 85.2 (%)	85.19000 %
Appearance(Color) (A294913)	White to Off-White	White to off-white
Appearance(Form) (A294913)	Powder	Powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager