

Certificate of Analysis

Date of Testing: 2024-10-29 09:08:08

Date of Next Testing: 2028-10-28 09:08:08

Product Name: **Antimony(III) oxide**

CAS Number: 1309-64-4

Specifications & Purity: $\geq 99.9\%$ metals basis, nanopowder, < 250nm

Lot #: J2424016

SKU #: **A294913**

Version: **1**

Analysis #: **291449**

Parameter	Limit Values	Result
Trace Metal Analysis	0-1000 (ppm)	63.00 ppm
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.99 %
Average particle size	0-250 (nm)	107.68 nm
Titration by Iodine(Sb)	81.9 - 85.2 (%)	85.18000 %
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