

## Certificate of Analysis

Date of Testing: 2025-07-16 13:37:11  
Date of Next Testing: 2029-07-15 13:37:11  
Product Name: **Silver**  
CAS Number: 7440-22-4  
Specifications & Purity:  $\geq 99.5\%$  metals basis, 60-120nm, Contains Colophony Dispersant  
Lot #: J2111529  
SKU #: **S110974**  
Version: **0**  
Analysis #: **540775**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Total Metallic Impuritie	0-5000 (ppm)	787.00 ppm
Particle size	60-120 (nm)	82.40 nm
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.92 %
Appearance (S110974)	Silver,Grey,Off-White or Beige Powder	Silver,Grey,Off-White or Beige Powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager