

ALADDIN SCIENTIFIC CORPORATION
14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-11 09:02:35
Date of Next Testing: 2029-06-10 09:02:35
Product Name: **Silver**
CAS Number: 7440-22-4
Specifications & Purity: $\geq 99.9\%$ metals basis, $\leq 0.5\mu\text{m}$, Contains about 1% ammonium polyacrylate dispersing agent
Lot #: H2127151
SKU #: **S110972**
Version: **0**
Analysis #: **522117**
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Particle size	0-0.5 (μm)	0.22000 μm
Purity(Based on Trace Metals Impurities of ICP)	99.9-100 (%)	99.98410 %
Total Metallic Impuritie	0-1000 (ppm)	159.00000 ppm
Appearance (S110972)	Silver,Grey,Off-White or Beige Powder	Silver,Grey,Off-White or Beige Powder
Dispersant,~ 1% NH4PAA	Conforms	Conforms
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager