

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-11-28 14:37:21  
Date of Next Testing: 2029-11-27 14:37:21  
Product Name: **Silver powder**  
CAS Number: 7440-22-4  
Specifications & Purity:  $\geq 99.9\%$  metals basis, 1 $\mu$ m  
Lot #: K2520447  
SKU #: **S140829**  
Version: **1**  
Analysis #: **596457**  
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Total Metallic Impuritie	0-1000 (ppm)	121.00000 ppm
Purity(Based on Trace Metals Impurities of ICP)	99.9-100 (%)	99.98790 %
Particle Size(SEM)	0.8-1.2 ( $\mu$ m)	1.03250 $\mu$ m
Appearance (S140829)	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