

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-18 16:24:03

Date of Next Testing: 2028-12-17 16:24:03

Product Name: **Silver**

CAS Number: 7440-22-4

Specifications & Purity:  $\geq 99.5\%$  metals basis, 60-120nm, Contains Colophony Dispersant

Lot #: L2412230

SKU #: **S110974**

Version: **0**

Analysis #: **148373**

Storage Temperature: Argon charged

| Parameter                              | Limit Values                          | Result                                |
|----------------------------------------|---------------------------------------|---------------------------------------|
| Total Metallic Impuritie               | 0-5000 (ppm)                          | 218.00 ppm                            |
| Particle size                          | 60-120 (nm)                           | 79.07 nm                              |
| Purity(Based On Trace Metals Analysis) | 99.5-100 (%)                          | 99.98 %                               |
| 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