

## Certificate of Analysis

Date of Testing: 2022-07-26 13:21:43  
Date of Next Testing: 2026-07-25 13:21:43  
Product Name: **Silver powder**  
CAS Number: 7440-22-4  
Specifications & Purity:  $\geq 99.9\%$  metals basis,  $\leq 0.2\mu\text{m}$   
Lot #: G2216618  
SKU #: **S110970**  
Version: **0**  
Analysis #: **119335**

| Parameter                                       | Limit Values                          | Result                                |
|-------------------------------------------------|---------------------------------------|---------------------------------------|
| Purity(Based on Trace Metals Impurities of ICP) | 99.9-100 (%)                          | 99.99 %                               |
| Total Metallic Impuritie                        | 0-1000 (ppm)                          | 54.00 ppm                             |
| Particle Size(TEM)                              | 0-0.2 ( $\mu\text{m}$ )               | 0.17 $\mu\text{m}$                    |
| Appearance (S110970)                            | Silver,Grey,Off-White or Beige Powder | Silver,Grey,Off-White or Beige Powder |
| X-Ray Diffraction                               | Conforms to Structure                 | Conforms to Structure                 |



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