

## Certificate of Analysis

Date of Testing: 2022-09-16 13:54:35

Date of Next Testing: 2026-09-15 13:54:35

Product Name: **Silver powder**

CAS Number: 7440-22-4

Specifications & Purity: 99.9% metals basis, 1 $\mu$ m

Lot #: I2214722

SKU #: **S140829**

**Analysis:** **127200**

Storage Temperature: Argon charged

| Parameter                                        | Limit Values                            | Result                                  |
|--------------------------------------------------|-----------------------------------------|-----------------------------------------|
| Total Metallic Impurities                        | 0-1000 (ppm)                            | 269.00 ppm                              |
| Purity (Based on Trace Metals Impurities of ICP) | 99.9-100 (%)                            | 99.97 %                                 |
| Particle Size (SEM)                              | 0.8-1.2 ( $\mu$ m)                      | 1.02600 $\mu$ 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                   |



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