

## Certificate of Analysis

Date of Testing: 2023-09-07 11:29:13

Date of Next Testing: 2027-09-06 11:29:13

Product Name: **Silver oxide**

CAS Number: 20667-12-3

Specifications & Purity: Analytical Reagent, 99.7%

Lot #: I2301605

SKU #: **S106005**

**Analysis:** **273301**

Storage Temperature: Protected from light

| Parameter                               | Limit Values                       | Result                             |
|-----------------------------------------|------------------------------------|------------------------------------|
| Assay                                   | 99.7-100 (%)                       | 99.99 %                            |
| Titration by KSCN (% Ag)                | 91.7-94.5 (%)                      | 93.53 %                            |
| Sulfate(SO <sub>4</sub> <sup>2-</sup> ) | 0-100 (ppm)                        | 72.00 ppm                          |
| Iron(Fe)                                | 0-30 (ppm)                         | 6.00 ppm                           |
| Aluminum(Al)                            | 0-10 (ppm)                         | 8.30 ppm                           |
| (NO <sub>3</sub> )Nitrate               | 0-50 (ppm)                         | 20.00 ppm                          |
| Appearance (S106005)                    | Grey to Black Powder and/or Chunks | Grey to Black Powder and/or Chunks |
| ICP:Confirms Silver Component           | Confirmed                          | Confirmed                          |
| X-Ray Diffraction                       | Conforms to Structure              | Conforms to Structure              |



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