

## Certificate of Analysis

Date of Testing: 2024-02-28 15:53:50

Date of Next Testing: 2028-02-27 15:53:50

Product Name: **Silver oxide**

CAS Number: 20667-12-3

Specifications & Purity: Analytical Reagent, 99.7%

Lot #: B2419743

SKU #: **S106005**

**Analysis:** **325059**

Storage Temperature: Protected from light

| Parameter                     | Limit Values                       | Result                             |
|-------------------------------|------------------------------------|------------------------------------|
| Assay                         | 99.7-100 (%)                       | 99.99 %                            |
| Titration by KSCN (% Ag)      | 91.7-94.5 (%)                      | 92.57 %                            |
| Sulfate(SO42-)                | 0-100 (ppm)                        | 81.00 ppm                          |
| Iron(Fe)                      | 0-30 (ppm)                         | 12.00 ppm                          |
| Aluminum(Al)                  | 0-10 (ppm)                         | 5.00 ppm                           |
| (NO3)Nitrate                  | 0-50 (ppm)                         | 22.00 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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