

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-06-03 10:31:53

Date of Next Testing: 2030-06-02 10:31:53

Product Name: **Silver oxide**

CAS Number: 20667-12-3

Specifications & Purity: AR, ≥99.7%

Lot #: E2626005

SKU #: **S106005**

Version: **0**

Analysis #: **663201**

Storage Temperature: Protected from light, Room temperature, Argon charged

| Parameter                     | Limit Values                       | Result                             |
|-------------------------------|------------------------------------|------------------------------------|
| Assay                         | 99.7-100 (%)                       | 99.99020 %                         |
| Titration by KSCN (% Ag)      | 91.7-94.5 (%)                      | 93.72000 %                         |
| Sulfate(SO42-)                | 0-100 (ppm)                        | 60.00000 ppm                       |
| Iron(Fe)                      | 0-30 (ppm)                         | 18.36900 ppm                       |
| Aluminum(Al)                  | 0-10 (ppm)                         | 2.00000 ppm                        |
| (NO3)Nitrate                  | 0-50 (ppm)                         | 0.00000 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              |



John Su  
QA & QC Manager