

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-08-24 16:17:42

Date of Next Testing: 2028-08-23 16:17:42

Product Name: **Silver oxide**

CAS Number: 20667-12-3

Specifications & Purity: AR, $\geq 99.7\%$

Lot #: H2421220

SKU #: **S106005**

Version: **0**

Analysis #: **404068**

Storage Temperature: Protected from light

Parameter	Limit Values	Result
Assay	99.7-100 (%)	100.00 %
Titration by KSCN (% Ag)	91.7-94.5 (%)	92.69 %
Sulfate(SO42-)	0-100 (ppm)	60.00 ppm
Iron(Fe)	0-30 (ppm)	18.96 ppm
Aluminum(Al)	0-10 (ppm)	2.00 ppm
(NO3)Nitrate	0-50 (ppm)	10.00 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



John Su
QA & QC Manager