

Certificate of Analysis

Date of Testing: 2024-08-01 08:56:22

Date of Next Testing: 2028-07-31 08:56:22

Product Name: **Silver oxide**

CAS Number: 20667-12-3

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

Lot #: G2422304

SKU #: **S106005**

Version: **0**

Analysis #: **394440**

Storage Temperature: Protected from light

Parameter	Limit Values	Result
Assay	99.7-100 (%)	99.99 %
Titration by KSCN (% Ag)	91.7-94.5 (%)	92.95 %
Sulfate(SO ₄ ²⁻)	0-100 (ppm)	10.00 ppm
Iron(Fe)	0-30 (ppm)	18.00 ppm
Aluminum(Al)	0-10 (ppm)	6.00 ppm
(NO ₃)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



John Su
QA & QC Manager