

Certificate of Analysis

Date of Testing: 2023-09-07 11:06:40

Date of Next Testing: 2027-09-06 11:06:40

Product Name: **Silver oxide**

CAS Number: 20667-12-3

Specifications & Purity: Analytical Reagent, 99.7%

Lot #: I2301607

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 ₄ ²⁻)	0-100 (ppm)	72.00 ppm
Iron(Fe)	0-30 (ppm)	6.00 ppm
Aluminum(Al)	0-10 (ppm)	8.30 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