

Certificate of Analysis

Date of Testing: 2024-11-20 17:52:45

Date of Next Testing: 2028-11-19 17:52:45

Product Name: **Silver oxide**

CAS Number: 20667-12-3

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

Lot #: K2415440

SKU #: **S106005**

Version: **0**

Analysis #: **457736**

Storage Temperature: Protected from light

Parameter	Limit Values	Result
Assay	99.7-100 (%)	99.99 %
Titration by KSCN (% Ag)	91.7-94.5 (%)	94.41 %
Sulfate(SO ₄ ²⁻)	0-100 (ppm)	38.00 ppm
Iron(Fe)	0-30 (ppm)	14.00 ppm
Aluminum(Al)	0-10 (ppm)	3.90 ppm
(NO ₃)Nitrate	0-50 (ppm)	25.00 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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QA & QC Manager