

CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by TUV SUD America Inc.
 Certificate Number. 951001163

Catalogue Number	011407
Lot Number	Y06L017
Description	Silver(I) oxide, 99+% (metals basis)
CAS Number	20667-12-3
Quality Test/Release Date	06/Nov/2025
Suggested retest date	06/Nov/2030
Country of Origin	United States

Result Name	Units	Specifications	Test Value
Assay (unspecified)	%	Silver: Reported	93.09
Assay (unspecified)	%	Silver Oxide: Reported	99.99
Assay (unspecified)	%	Chloride: Reported	0.0003
Assay (unspecified)	%	Carbonate: Reported	<0.02
Appearance (Color)		Gray to black	Black
Density	g/cc	Tap density: Reported	1.366
Density	g/in3	Scott density: Reported	8.7
Form		Powder	Powder
Loss on Drying	%	Reported	0.03
Total Metal Impurities	%	1% max. (list all metal impurities)	0.000072
NITRATE	%	Reported	0.003
Particle Size	micron	Sieve Size 45 micron: Reported	2.8
Sulfate content	%	Reported	0.000

Additional Information B <0.01 , Ba <0.01 , Bi <0.01 , Ca 0.24 , Cd <0.01 , Co <0.01 , Cr 0.01 , Cu 0.02 , Fe 0.05 , Hg <0.01 , In <0.01 , Ir <0.01 , K 0.1 , Mg 0.03 , Mn <0.01 , Mo <0.01 , Na 0.23 , Ni 0.02 , Pb 0.01 , Pd <0.01 , Sb <0.01 , Sn <0.01 , Te <0.01 , Tl <0.01 , Y <0.01 , Zn 0.01 , Values given in ppm unless otherwise stated.



Derek Roy
 Quality Manager, LCD

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third-party data or information associated with the product. Products are for research and development use only. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of the catalogue number listed above.