

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 011414
Lot Number U13L029
Description Silver nitrate, ACS, 99.9+% (metals basis)
CAS Number 7761-88-8
Quality Test/Release Date 13/Aug/2025
Suggested retest date 13/Aug/2030
Country of Origin United States

Result Name	Units	Specifications	Test Value
Assay (unspecified)	%	$\geq 99.0\% \text{ AgNO}_3$	99.91
Acid Value		Free acid P.T.	Passes test
Appearance (Color)		White to gray	Gray
Form		Crystalline	Crystalline
Impurity content	ppm	$\text{Cl} \leq 5\text{ppm}$	1
Impurity content	ppm	$\text{Cu} \leq 2\text{ppm}$	0.01
Impurity content	ppm	$\text{Fe} \leq 2\text{ppm}$	0.02
Impurity content	ppm	$\text{Pb} \leq 0.001\%$	0.01
Impurity content	%	Substances not precipitated by hydrochloric acid $\leq 0.01\%$	0.000
Impurity content	ppm	$\text{SO}_4 \leq 0.002\%$	<10
Solution Test		Clarity of solution P.T.	Passes test



Luis Perez
Interim Director Quality, 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.