



Version 0
Molecular weight 169.87
Molecular formula Ag N O3
CAS No 7761-88-8
Linear formula AgNO3
Flash point (°C)

Certificate of Analysis

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Acros Organics expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to human or animals. It is the responsibility of the purchaser, formulator or those performing further manufacturing to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	19768	Quality Test / Release Date	17 July 2018
Lot Number	A0398613	Suggested Retest Date	July 2020
Description	Silver nitrate, 99.85%, for analysis		
Country of Origin	UNITED KINGDOM		
Declaration of Origin	synthetic		

Origin Comment	
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Result Name	Specifications	Test Value
Appearance (Color)	White	White
Appearance (Form)	Crystalline powder or crystals	Crystalline powder
Titration with HCl	≥99.80 %	100.01 %
Loss on drying	≤0.1 % (1 g, 70°C, 2 h)	0.04 % (1 g, 70°C, 2 h)
Chloride (Cl)	≤5 ppm	≤1 ppm
Nitrite (NO ₂)	≤10 ppm	≤1 ppm
Calcium (Ca)	≤10 ppm	≤1 ppm
Cadmium (Cd)	≤1 ppm	0.3 ppm
Chromium (Cr)	≤1 ppm	0.2 ppm
Copper (Cu)	≤1 ppm	≤0.5 ppm
Iron (Fe)	≤1 ppm	0.8 ppm
Lead (Pb)	≤1 ppm	≤1 ppm
Manganese (Mn)	≤1 ppm	≤1 ppm
Nickel (Ni)	≤1 ppm	≤1 ppm
Zinc (Zn)	≤1 ppm	≤1 ppm



A handwritten signature in black ink, which appears to read "L. Van den Broek".

L. Van den Broek, QA Manager

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Acros Organics

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