



**Version** 0  
**Molecular weight** 169.87  
**Molecular formula** Ag N O<sub>3</sub>  
**CAS No** 7761-88-8  
**Linear formula** AgNO<sub>3</sub>  
**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.

<b>Catalog Number</b>	19768	<b>Quality Test / Release Date</b>	25 March 2020
<b>Lot Number</b>	A0418017	<b>Suggested Retest Date</b>	March 2025
<b>Description</b>	Silver nitrate, 99.85%, for analysis		
<b>Country of Origin</b>	UNITED KINGDOM		
<b>Declaration of Origin</b>	synthetic		

<b>Origin Comment</b>	
-----------------------	--

Result Name	Specifications	Test Value
Appearance (Color)	White	White
Appearance (Form)	Crystalline powder or crystals	Crystalline powder
Titration with HCl	≥99.80 %	100.10 %
Loss on drying	≤0.1 % (1 g, 70°C, 2 h)	0.01 % (1 g, 70°C, 2 h)
Chloride (Cl)	≤5 ppm	≤1 ppm
Nitrite (NO <sub>2</sub> )	≤10 ppm	≤1 ppm
Calcium (Ca)	≤10 ppm	≤5 ppm
Cadmium (Cd)	≤1 ppm	≤0.01 ppm
Chromium (Cr)	≤1 ppm	≤0.015 ppm
Copper (Cu)	≤1 ppm	≤0.003 ppm
Iron (Fe)	≤1 ppm	≤0.05 ppm
Lead (Pb)	≤1 ppm	≤0.022 ppm
Manganese (Mn)	≤1 ppm	≤0.002 ppm
Nickel (Ni)	≤1 ppm	≤0.015 ppm
Zinc (Zn)	≤1 ppm	≤0.02 ppm



A handwritten signature in black ink, appearing to read "C. Wygaerts", enclosed within a thin, hand-drawn oval border.

C. Wygaerts, QA Manager

Issued: 14 September 2020

Acros Organics

ENA23, zone 1, nr 1350, Janssen Pharmaceuticaaan 3a, B-2440 Geel, Belgium

Tel +32 14/57.52.11 - Fax +32 14/59.34.34 Internet: <http://www.acros.com>

1 Reagent Lane, Fair Lawn, NJ 07410, USA Fax 201-796-1329