

Certificate of Analysis

Material Material description Grade

Silver nitrate AnalaR NORMAPUR Reag. Ph.Eur., ACS

Lot Expires end of **CAS Number** Molecular formula Molecular mass

24D264106 2029-Mar-04 7761-88-8 AgNO₃ 169.87

21572.235

Characteristics	Specifications	Measured values
Assay	99.8 - 100.5 %	100.2 %
•	Passes test ACS	Passes test ACS
Clarity of solution		
Free acid	Passes test ACS	Passes test ACS
Identification (Ag)	Passes test Ph.Eur.	Passes test Ph.Eur.
Identification (NO ₃)	Passes test Ph.Eur.	Passes test Ph.Eur.
Solution S	Passes test Ph.Eur.	Passes test Ph.Eur.
Solution in water	Passes test	Passes test
Appearance of solution	Passes test Ph.Eur.	Passes test Ph.Eur.
Acidity or alkalinity	Passes test Ph.Eur.	Passes test Ph.Eur.
Aluminium, lead, copper and bismuth	Passes test Ph.Eur.	Passes test Ph.Eur.
Foreign salts	≤ 0.3 %	0.1 %
Insolubility in water	≤ 50 ppm	≤ 50 ppm
Not precipitated by HCl (as SO ₄)	≤ 100 ppm	≤ 100 ppm
Cl (Chloride)	≤ 5 ppm	≤ 5 ppm
SO₄ (Sulphate)	≤ 20 ppm	≤ 20 ppm
Ca (Calcium)	≤ 10 ppm	≤ 10 ppm
Cd (Cadmium)	≤ 1 ppm	≤ 1 ppm
Cu (Copper)	≤ 2 ppm	≤ 2 ppm
Fe (Iron)	≤ 2 ppm	≤ 2 ppm
K (Potassium)	≤ 50 ppm	≤ 50 ppm
Mg (Magnesium)	≤ 5 ppm	≤ 5 ppm
Mn (Manganese)	≤ 5 ppm	≤ 5 ppm
Ni (Nickel)	≤ 5 ppm	≤ 5 ppm
Pb (Lead)	≤ 10 ppm	≤ 10 ppm
Zn (Zinc)	≤ 1 ppm	≤ 1 ppm
Conforms to Reag. Ph.Eur./ACS	Passes test	Passes test

For Professional use in Laboratory or Manufacturing. Not for use as an Active Pharmaceutical Ingredient or Food or Animal Feed. Suitability and intended use of the product re s the responsibility of the user. 13D38C.BFB48C-1B7B028 VWR International LLC, Radnor Corporate Center, Building One, Suite 200, 100 Matsonford Road, Radnor, PA 19087, USA



Certificate of Analysis



Signature

We certify that this batch conforms to the specifications listed above.

This document has been produced electronically and is valid without a signature.

Jessie Pijck, Head of Laboratory - Haasrode VWR International bv; Geldenaaksebaan 464; BE-3001 Leuven; Belgium

VWR International LLC, Radnor Corporate Center, Building One, Suite 200, 100 Matsonford Road, Radnor, PA 19087, USA VWR International by, Haasrode Research Park Zone 2020, Geldenaaksebaan 464, 3001 Leuven, Belgium