

Material	21572.235
Material description	Silver nitrate
Grade	AnalaR NORMAPUR Reag. Ph.Eur., ACS
Lot	24D264106
Expires end of	2029-Mar-04
CAS Number	7761-88-8
Molecular formula	AgNO ₃
Molecular mass	169.87

Characteristics	Specifications	Measured values
Assay	99.8 - 100.5 %	100.2 %
Clarity of solution	Passes test ACS	Passes test ACS
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
SO ₄ (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



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
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