

## Silver standard solution, 1,000 mg/l Ag in dil. nitric acid

**Warning**  
H319 H315  
P280 P302+P352 P305+P351+P338

**CAS 7440-22-4**  
**EINECS:** 231-131-3  
**UN:** 3264  
**ADR 8,III**

**Ag**  
**M.W.** 107.87 g/mol  
**Storage Temperature:** Ambient temperature



## Silver standard solution, 1,000 mg/l Ag in dil. nitric acid (from Ag) ARISTAR® standard for ICP-MS

Ag in 2 % HNO<sub>3</sub>

Traceable to SRM from NIST, tested in ISO Guide 34 /ISO17025 accredited laboratory.

Cat. No.	Pk	Pack type
456892C	100 ml	Plastic bottle

Supplied with certificate of analysis.

## Silver standard solution, 1,000 mg/l Ag in dil. nitric acid (from AgNO<sub>3</sub>) ARISTAR® standard for ICP

AgNO<sub>3</sub> in HNO<sub>3</sub>

Traceable to SRM from NIST, tested in ISO Guide 34 /ISO17025 accredited laboratory.

Cat. No.	Pk	Pack type
456022K	100 ml	Plastic bottle
456024M	500 ml	Plastic bottle

Supplied with certificate of analysis.

## Silver standard solution, 1,000 mg/l Ag in dil. nitric acid AVS TITRINORM® standard for AAS

Cat. No.	Pk	Pack type
86659.180	100 ml	Plastic bottle
86659.260	500 ml	Plastic bottle

Supplied with certificate of analysis.

## Silver chloride

**CAS 7783-90-6**  
**EINECS:** 232-033-3

**AgCl**  
**M.W.** 143.32 g/mol  
**Density:** 5.56 g/cm<sup>3</sup> (20 °C)  
**Boiling Pt:** 1554 °C (1013 hPa)  
**Melting Pt:** 455 °C  
**Storage Temperature:** Ambient temperature

## Silver chloride TECHNICAL

Assay ..... Min. 99 %

Cat. No.	Pk	Pack type
21553.137	25 g	Glass bottle

## Silver diethyldithiocarbamate

(Diethyldithiocarbamato-S,S')silver, Diethyldithiocarbamic acid silver salt, N,N-Diethyldithiocarbamic acid silver salt, DETC

**Warning**  
H319 H335 H315  
P280 P302+P352 P304+P340 P305+P351+P338  
P309+P311

**CAS 1470-61-7**  
**EINECS:** 216-003-7  
**UN:** 3077  
**ADR 9,III**

**(C<sub>2</sub>H<sub>5</sub>)<sub>2</sub>NCSSAg**  
**M.W.** 256.14 g/mol  
**Melting Pt:** 176 to 178.5 °C



## Silver diethyldithiocarbamate analytical reagent

Identification ..... Passes test

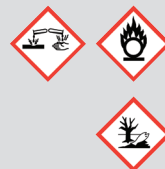
Cat. No.	Pk	Pack type
21563.108	5 g	Plastic bottle for solids

## Silver nitrate

**Danger**  
H272 H314 H410  
P210 P280 P273 P301+P330+P331 P304+P340  
P309+P310

**CAS 7761-88-8**  
**Index** 047-001-00-2  
**EINECS:** 231-853-9  
**UN:** 1493  
**ADR 5.1,II**

**AgNO<sub>3</sub>**  
**M.W.** 169.87 g/mol  
**Density:** 4.35 g/cm<sup>3</sup> (20 °C)  
**Boiling Pt:** 444 °C (1013 hPa)  
**Melting Pt:** 210 °C  
**Storage Temperature:** Ambient temperature



## Silver nitrate AnalAR NORMAPUR® analytical reagent

Assay ..... Min. 99.8 %  
Insolubility in water ..... Max. 50 ppm  
Cl (Chloride) ..... Max. 5 ppm  
Ca (Calcium) ..... Max. 10 ppm  
Cu (Copper) ..... Max. 2 ppm  
K (Potassium) ..... Max. 50 ppm  
Mn (Manganese) ..... Max. 5 ppm  
Pb (Lead) ..... Max. 10 ppm  
Conforms to BDH 10233 ..... Passes test  
Solution in water ..... Passes test  
Not precipitated by HCl (as SO<sub>4</sub>) ..... Max. 100 ppm  
SO<sub>4</sub> (Sulphate) ..... Max. 20 ppm  
Cd (Cadmium) ..... Max. 1 ppm  
Fe (Iron) ..... Max. 2 ppm  
Mg (Magnesium) ..... Max. 5 ppm  
Ni (Nickel) ..... Max. 5 ppm  
Zn (Zinc) ..... Max. 1 ppm

Cat. No.	Pk	Pack type
21572.133	25 g	Plastic bottle for solids
21572.188	100 g	Plastic bottle for solids
21572.235	250 g	Plastic bottle for solids
21572.292	1 kg	Plastic bottle for solids

## Silver nitrate Ph. Eur.

Assay ..... 99.0 to 100.5 %  
Appearance ..... Colourless crystals  
Identification A ..... Passes test  
Identification B ..... Passes test  
Solution S ..... Passes test  
Appearance of solution ..... Passes test  
Acidity or alkalinity ..... Passes test  
Foreign salts ..... Max. 0.3 %  
Aluminium, lead, copper and bismuth ..... Passes test  
Residual solvents ..... Passes test

Cat. No.	Pk	Pack type
83517.180	100 g	Plastic bottle for solids