

Product name:

**Silver nitrate**

**Synonyms:** Lapis infernalis, Nitric acid silver(1+) salt

**CAS number:** 7761-88-8

<i>General information:</i>		
	<b>Chemical formula:</b> AgNO <sub>3</sub>	<b>Molar Mass:</b> 169.87 g/mol
	<b>Appearance:</b> White solid	<b>Density:</b> 4.35 g/cm <sup>3</sup> (20 °C)
	<b>Solub. in water:</b> 2160 g/l (20 °C)	<b>Melting point:</b> 212 °C
	<b>Boiling point:</b> 444 °C (decomposition)	<b>Flash point:</b> N/A
	<b>Storage temp.:</b> Below +30 °C	<b>Cautions:</b> Corrosive, dangerous for the environment
	<b>R:</b> 34-50/53	<b>S:</b> 26-45-60-61
	<b>HS-No.:</b> 2843 21 00	<b>EC-Index-No.:</b> 047-001-00-2

Hazard Symbol



Safety Information

Grade

ACS

<i>Specification:</i>				
Assay	≥	99	%	
Clarity of solution		Conforms		
Chloride (Cl)	≤	5	ppm	
Free acid		Conforms		
Substances not precipitated by hydrochloric acid	≤	0.01	%	
Sulfate (SO <sub>4</sub> )	≤	0.002	%	
Copper (Cu)	≤	2	ppm	
Iron	≤	2	ppm	
Lead (Pb)	≤	0.001	%	

Ordering code	10 g	50 g	100 g		
P.E.					
Glass	441.16.00010.01	441.16.00050.01	441.16.00100.01		