

Product Name**Silver nitrate****Grade: ACS****Synonyms**

Lapis infernalis, Nitric acid silver(1+) salt

CAS Number

7761-88-8

General Information

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

**Hazard Symbol****Specification**

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

Ordering Information

Volume:	10 gr	50 gr	100 gr	–	–
Plastic	441.16.00010.01	441.16.00050.01	441.16.00100.01	–	–
Glass	–	–	–	–	–