

## Silver nitrate, Hi-AR™/ACS

**GRM409**


### Product Identifier

CAS No.	:	7761-88-8
EC No.	:	231-853-9
EC Index No	:	047-001-00-2
Molecular Formula	:	AgNO <sub>3</sub>
Molecular Weight	:	169.87
HS Code	:	2843 21 00
Storage	:	Below 30°C
Shelf life	:	4 years

### Technical Specification

Appearance	:	Colourless or white to off-white crystals or powder or solid, darkening on exposure
Solubility	:	1000 mg soluble in 1 mL of water
Chloride (Cl)	:	<= 0.0005%
Iron (Fe)	:	<= 0.0002%
Sulfate (SO <sub>4</sub> )	:	<= 0.002%
Lead (Pb)	:	<= 0.001%
Copper (Cu)	:	<= 0.0002%
Clarity of solution	:	Passes test
Free acid	:	Passes test
Substances not precipitated by HCl	:	<= 0.01%
Melting Point	:	207 - 217°C
Assay (NH <sub>4</sub> SCN Titration)	:	99.90 - 100.50%

### Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Danger
Hazard Statement(s)	:	H272- H314- H410
Precautionary Statement(s)	:	P210- P260- P280- P303+P361+P353- P305+P351+P338- P370 + P378
UN No.	:	1493
Class	:	5.1
Packing Group	:	II
RTECS	:	VW4725000
WGK	:	3