

Product Information

SILVER NITRATE 99,9 % AR

Silver Nitrate, Lunar caustic; Silver (1+) nitrate; Nitric acid, silver (1+) salt



Product Code	O-5173	Grade	Analytical Reagent
Purity	99,9 %	CAS No	7761-88-8
Molecular Formula	AgNO ₃	Molecular Weight	169.87 g/mol
H.S.Code	2843.2100	Shelf Life	60 Months

Physical Properties

Physical state	Solid	Melting Point	212 °C
Colour	Colourless	Boiling point	440 °C
Relative density	4.350 g/cm ³	Partition coefficient: noctanol/water	log Pow: 5

Packaging

10 gram

Specification

Appearance	Colorless crystals
Assay (on anhydrous basis)	min 99.9 %
Alcohol insoluble matter	Passes test
Clarity of solution	Passes ACS test
Chloride (Cl)	max 0.0005 %
Sulphate (SO ₄)	max 0.002 %
Alkalies and other metal	max 0.05 %
Bismuth (Bi)	max 0.0005 %
Copper (Cu)	max 0.0002 %
Iron (Fe)	max 0.0002 %
Sodium (Na)	max 0.002 %
Lead (Pb)	max 0.001 %
Free acid	Passes test
Substances not precipitated by HCl	max 0.01 %

Safety Information and Hazard Symbols



Symbol: GHS03, GHS05, GHS09

Signal Word: Danger

UN No.: 1493

IMCO Class No.: 5.1

Packing Group: II

Hazardous Statement: H272-H290-H314-H410

Precaution Statement: P210-P260-P273-P280-P303+P361+P353-P305+P351+P338