



PRODUCT CODE: 241459

Silver Nitrate standard for volumetry, ACS, ISO

Primary Chemical Matter

AgNO₃

AgNO₃

M.= 169,87

CAS [7761-88-8]

EINECS 231-853-9

TARIC 2843 21 00 00

PHYSICAL DATA: Small crystals, White, Soluble in water 2.150 g/l at 20 °C Thermal decom. above 440 °C • D 20/4 4,352 • M.P.: 212 °C • B.P.: 444 °C • pH5,4 - 6,4 •

BIBLIOGRAPHY: Merck Index **13**, 8.593 Sax **SDS000** • Safety **2**, **3096 B** • Römp **8**, **3842** • Fieser **11008 2366 3252 4429 5582 7321 9411 10350 12433 14350 1539** • ACS **X574IX549** • ISO 6353/2-1983R - 28 , 38 • BP.**2017** • USP **39** • Ph. Eur. **8.0** (2014) **9.0** (2017) • BRETH 11 •

HAZARDOUS: C.E: 047-001-00-2 • RTECS: VW 4725000 • LD L0 oral rbt 800 mg/kg • LD50 oral mus 50 mg/kg • VLA-ED (Ag) 0,01 mg/m3



H: H272 • H314 • H410 •

P: P210 • P220 • P221 • P260 • P264 • P501 • P273 • P280 • P301+P330+P331 • P303+P361+P353 • P304+P340 • P305+P351+P338 • P310 • P321 • P338 • P363 • P370+P378 • P391 • P405 •

TRANSPORT REGULATIONS: UN: 1493 • ADR: 5.1/II • IMDG: 5.1/II • IATA: 5.1/II • PAX: 558 • CAO: 562 • (E) •

OBSERVATIONS: Storage away from direct light. •

SPECIFICATIONS:

Uncertainty	See certificate
Traceability	NIST
Assay (Arg.) (after drying with H ₂ SO ₄)	99,95-100,05%

Maximum limit of impurities

Acidity	passes test
Insoluble matter in H ₂ O	0,003 %
Insoluble matter in C ₂ H ₅ OH	passes test
Chloride (Cl)	0,0005%
Sulfate (SO ₄)	0,002%
Non-precipit. subst. by HCl	0,01%
Bi	0,0005 %
Ca	0,001 %
Cu	0,0002 %
Fe	0,0002 %
Mg	0,001 %
K	0,01 %
Na	0,002 %
Pb	0,001 %