

Silver nitrate, solution 1 mol/l (1 N)**Identification**

AgNO₃
M = 169,87 g/mol
CAS [7761-88-8]
EC number: 231-853-9
Taric code: 2843 21 00

Applications

analytical chemistry, laboratory reagent, titrant in volumetric analysis, precipitant for: Cl⁻, I⁻, CN⁻, SCN⁻ . . .

Specifications

factor..... 0,999 - 1,001
uncertainty ± 0,001

1 ml = 0,1699 g AgNO₃

This solution was analysed using a certified reference material (sodium chloride).
The certified reference material is ISO 17034 accredited, measured according to ISO/IEC 17025 and traceable to the International System of Units by means of a Standard Reference Material from NIST: SRM® 999 (Potassium Chloride Primary Standard).

Physical data

- Density: 1,14 g/cm³
- pH(20 °C) ~ 7 - 9

Safety - GHS

Signal Word: Danger

Hazard Statements:

- H301: Toxic if swallowed.
H314: Causes severe skin burns and eye damage.
H411: Toxic to aquatic life with long lasting effects.

**Precautionary Statements:**

- P260: Do not breathe dust / fume / gas / mist / vapours / spray.
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303+P361+P353: IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P405: Store locked up.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 8 C1 II • UN 3264 • CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Silver nitrate, solution 1 mol/l)
- IMDG: 8 II • UN 3264 • CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Silver nitrate, solution 1 mol/l)
- IATA/ICAO: 8 II • UN 3264 • CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Silver nitrate, solution 1 mol/l)
- PAX: 851
- CAO: 855
- 10°C - 30°C