

Silver nitrate, solution 0,1 mol/l (0,1 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, titrant in volumetric analysis.

Specifications

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

1 ml = 0,01699 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: 1,01 g/cm³
- pH(20 °C) ~ 4 - 5

Safety - GHS

Signal Word: Warning

Hazard Statements:

- H290: May be corrosive to metals.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H410: Very toxic to aquatic life with long lasting effects.

**Precautionary Statements:**

- P280: Wear protective gloves / protective clothing / eye protection / face protection.
P273: Avoid release to the environment.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321: Specific treatment (see on this label).
P406: Store in corrosive resistant container with a resistant inner liner.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 8 C9 III • UN 1760 • CORROSIVE LIQUID, N.O.S. (Silver nitrate, solution 0,1 mol/l)
- IMDG: 8 III • UN 1760 • CORROSIVE LIQUID, N.O.S. (Silver nitrate, solution 0,1 mol/l)
- IATA/ICAO: 8 III • UN 1760 • CORROSIVE LIQUID, N.O.S. (Silver nitrate, solution 0,1 mol/l)
- PAX: 851
- CAO: 855
- 10°C - 30°C