

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 volumetric solution was checked by means of potentiometric methods using Scharlau's potassium chloride volumetric standard. Scharlau's volumetric standards are directly traceable to the Standard Reference Materials from NIST (National Institute of Standards and Technology, USA).

Packaging**Packaging Code**

500 ml  PL00550500
1 l  PL00551000
2,5 l  PL00552500
5 l  PL0055005P
10 l  PL0055010C

Physical data

• Density: 1,01 g/cm³
• pH(20 °C) ~ 4 - 5

Safety - GHS

Signal Word: Warning

**Hazard Statements:**

H315: Causes skin irritation.
H319: Causes serious eye irritation.
H412: Harmful 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).
P362: Take off contaminated clothing and wash before reuse.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Toxicological data

• LD 50 (oral, rat): 1173 mg/kg (pure substance)
• MAK: 0,01 mg/m³
• WGK: 2
• Poison class CH (Swiss): 4

Transport/storage

• Store between 15°C and 25°C