

Mercury, standard solution 1000 mg/l Hg for AA (mercury(II) nitrate monohydrate in nitric acid 2 mol/l)**Identification**

Taric code: 3822 00 00

Applications

analytical chemistry, atomic absorption analysis.

Specifications

concentration..... 995 - 1005 mg/l
uncertainty $\pm$ 5 mg/l

This standard solution is traceable to Standard Reference Material from NIST.

Physical data

- Density: $\sim$ 1,05 g/cm³
- Solub. in water: (20 °C): miscible
- pH(20 °C) < 1

Safety - GHS**Signal Word:** Danger**Hazard Statements:**

H290: May be corrosive to metals.
H314: Causes severe skin burns and eye damage.

Precautionary Statements:

P260: Do not breathe dust / fume / gas / mist / vapours / spray.
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.
P310: Immediately call a POISON CENTER or doctor / physician.
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. (Mercury, standard solution 1000 mg/l Hg for AA)
- IMDG: 8 II • UN 3264 • CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Mercury, standard solution 1000 mg/l Hg for AA)
- IATA/ICAO: 8 II • UN 3264 • CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Mercury, standard solution 1000 mg/l Hg for AA)
- PAX: 851
- CAO: 855
- 10°C - 30°C