

Copper, standard solution 1000 mg/l Cu for AA (copper(II) nitrate in nitric acid 0,5 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: $\sim$ 1,01 g/cm³
- Solub. in water: (20 °C): miscible
- pH(20 °C) < 1

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).
P332+P313: If skin irritation occurs: Get medical advice / attention.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 8 C1 III • UN 3264 • CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.(Copper, sol. 1000 mg/l Cu (copper(II) nitrate in nitric acid 0,5 mol/l))
- IMDG: 8 III • UN 3264 • CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Copper, sol. 1000 mg/l Cu (copper(II) nitrate in nitric acid 0,5 mol/l))
- IATA/ICAO: 8 III • UN 3264 • CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Copper, sol. 1000 mg/l Cu (copper(II) nitrate in nitric acid 0,5 mol/l))
- PAX: 852
- CAO: 856
- 10°C - 30°C