

Bismuth, standard solution 1000 mg/l Bi for AA (bismuth(III) 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: $\sim$ 1,02 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.

**Precautionary Statements:**

P280: Wear protective gloves / protective clothing / eye protection / face protection.
P264: Wash thoroughly after handling.
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.
P337+P313: If eye irritation persists: Get medical advice / attention.

Transport/storage

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