

**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/lThis standard solution is traceable to  
Standard Reference Material from NIST.**Packaging****Packaging Code**100 ml  BI01300100500 ml  BI01300500**Physical data**

- Density:  $\sim$  1,02 g/cm<sup>3</sup>
- 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.
- 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.
- P332+P313: If skin irritation occurs: Get medical advice / attention.
- P337+P313: If eye irritation persists: Get medical advice / attention.

**Toxicological data**

- WGK: 0
- Poison class CH (Swiss): 3

**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
- Store between 15°C and 25°C