

**Lithium, standard solution 1000 mg/l Li for AA** (lithium 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/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.

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. (Lithium, sol. 1000 mg/l Li (lithium chloride in hydrochloric acid))

• IMDG: 8 III • UN 3264 • CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Lithium, sol. 1000 mg/l Li (lithium chloride in hydrochloric acid))

• IATA/ICAO: 8 III • UN 3264 • CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Lithium, sol. 1000 mg/l Li (lithium chloride in hydrochloric acid))

• PAX: 852

• CAO: 856

• 10°C - 30°C