

**Manganese, standard solution 1000 mg/l Mn for AA (manganese 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/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.(Manganese, standard solution 1000 mg/l Mn for AA)
- IMDG: 8 III • UN 3264 • CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Manganese, standard solution 1000 mg/l Mn for AA)
- IATA/ICAO: 8 III • UN 3264 • CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Manganese, standard solution 1000 mg/l Mn for AA)
- PAX: 818
- CAO: 820
- 10°C - 30°C