Titanium, standard solution 1000 mg/l Ti for AA (titanium(IV) chloride in hydrochloric acid 5 mol/l)

Identification

Taric code: 3822 00 00

Applications

analytical chemistry, atomic absorption analysis.

Specifications

concentration..... 995 - 1005 mg/l
uncertainty ± 5 mg/l

This standard solution is traceable to Standard Reference Material from NIST.

Physical data

- Density: ~ 1,08 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.
H335: May cause respiratory irritation.

Precautionary Statements:

P261: Avoid breathing dust / fume / gas / mist / vapours / spray.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a POISON CENTER or doctor / physician.
P321: Specific treatment (see on this label).
P405: Store locked up.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 8 C1 II • UN 3264 • CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.(Titanium, sol. 1000 mg/l Ti (titanium(IV) chloride in hydrochloric acid 5 mol/l))
- IMDG: 8 II • UN 3264 • CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Titanium, sol. 1000 mg/l Ti (titanium(IV) chloride in hydrochloric acid 5 mol/l))
- IATA/ICAO: 8 II • UN 3264 • CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Titanium, sol. 1000 mg/l Ti (titanium(IV) chloride in hydrochloric acid 5 mol/l))
- PAX: 851
- CAO: 855
- 10°C - 30°C