

Potassium permanganate, solution 0,2 mol/l (1 N)**Identification**

KMnO₄
M = 158,04 g/mol
CAS [7722-64-7]
EC number: 231-760-3
Taric code: 2841 61 00

Applications

analytical chemistry, titrant in volumetric analysis.

Specifications

factor..... 0,999 - 1,001
uncertainty ± 0,001

1 ml = 0,0316 g KMnO₄

This solution was analysed using a certified reference material (sodium oxalate).

The certified reference material is ISO 17034 accredited, measured according to ISO/IEC 17025 and traceable to the International System of Units by means of a Standard Reference Material from NIST: SRM® 8040 (Sodium Oxalate (Reductometric Standard)).

Physical data

• Density: 1,02 g/cm³

Safety - GHS**Hazard Statements:**

H411: Toxic to aquatic life with long lasting effects.

**Precautionary Statements:**

P280: Wear protective gloves / protective clothing / eye protection / face protection.

P273: Avoid release to the environment.

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).

P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

• ADR: 9 M6 III • UN 3082 • ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Potassium permanganate, solution 0,2 mol/l)

• IMDG: 9 III • UN 3082 • ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Potassium permanganate, solution 0,2 mol/l)

• IATA/ICAO: 9 III • UN 3082 • ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Potassium permanganate, solution 0,2 mol/l)

• PAX: 964

• CAO: 964

• 10°C - 30°C