



**PRODUCT CODE: 141527**

**Potassium Permanganate (USP, BP, Ph. Eur.) pure, pharma grade**

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KMnO<sub>4</sub>

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M.= 158,04 CAS [7722-64-7] EINECS 231-760-3  
TARIC 2841 61 00 00

**SYNONYMS:** Permanganic Acid Potassium Salt

**PHYSICAL DATA:** crystals, Dark brown to violet, Soluble in water 65 g/l at 20 C Thermal decom. above 240 C · D 20/4 2,70 · M.P.: 50 C · pH7 - 9 · Vap. press. (20 C) 0,01 hPa ·

**BIBLIOGRAPHY:** Merck Index **12**, 7.824 13, 7.740 Sax **PLC000** · Safety **2** , **2908 B** · Rmp **8** , **2022** · K?hn-Birett **K** 13 · Fieser **1942 2348 4412 5582 8416 9388 10330 11440 12413 13258 14267 15273** · ACS **XI** · ISO 6353/2-1983R - 26 , 36 · BP.**2020** · USP **42** · Ph. Eur. **9.0** (2017) **10.0** (2020) ·

**HAZARDOUS:**C.E: 025-002-00-9 · RTECS: SD 6475000 · LD L0 oral hmn 143 mg/kg · LD50 oral rat 1.090 mg/kg ·



H: H272 · H302 · H410 · H314 · H373 · H361d ·

P: P210 · P220 · P221 · P264 · P270 · P501 · P273 · P280 · P301+P312 · P330 · P370+P378 · P391 ·

**TRANSPORT REGULATIONS:** UN: 1490 · ADR: 5.1/II· IMDG: 5.1/II · IATA: 5.1/II · PAX: 558 · CAO: 562 · (E) ·

**OBSERVATIONS:** Product controlled as a drug precursor. ·

**SPECIFICATIONS:**

Assay (Iodom.)	99,0-100,5%
Identity :	
Identity according to Pharmacopoeias:	passes test

**Maximum limit of impurities**

Appearance of solution	passes test
Insoluble matter in H <sub>2</sub> O	0,2 %
Loss on drying	0,5%
Chloride (Cl)	0,02%
Nitrogen compounds (as N)	0,03%
Sulfate (SO <sub>4</sub> )	0,05%
Residual solvents (Ph.Eur/USP)	passes test
Heavy metals (as Pb)	0,003%
As	0,0003 %
Fe	0,005 %
Pb	0,005 %

Residual metals (according to EMEA/CHMP/SWP/4446/2000): No metal catalysts are used in the manufacturing process.

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