



PRODUCT CODE: 471527

Potassium Permanganate (max. 0.000005% Hg) for analysis, ACS

KMnO₄

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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** • Römp **8** , **2022** • Kühn-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.**2018** • USP **41** • Ph. Eur. **8.0** (2014) **9.0** (2017) •

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 •

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:

Minimum assay

99,0%

Maximum limit of impurities

Insoluble matter in H ₂ O	0,2 %
Nitrogen compounds (as N)	0,005%
Sulfate (SO ₄)	0,02%
Chloride and Chlorate (as Cl)	0,005%
Hg	0,000005 %

Ed.: 3 . Vig.: 15.01.2011 .

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