



PRODUCT CODE: 131540

Potassium Iodate (Reag. USP, Ph. Eur.) for analysis, ACS

IKO_3

KIO_3

M.= 214,00 CAS [7758-05-6] EINECS 231-831-9

TARIC 2829 90 80 00

PHYSICAL DATA: Small crystals, White, Soluble in water 47 g/l at 20 C Thermal decom. above 560 C · D 3,93 · M.P.: 560 C · pH(50g/l)6 ·

BIBLIOGRAPHY: Merck Index **12**, 7.808 13, 7.726 Sax **PLK250** · Safety **2** , **2905 C** · Rmp **8** , **2019** · ACS **XI** · ISO 6353/3-1987 R - 83 , 56 · F.C.C **11 12** ·

HAZARDOUS:RTECS: NN 1350000 · LD L0 oral mus 531 mg/kg · LD50 ipr mus 136 mg/kg



H: H272 · H315 · H319 · H335 ·

P: P210 · P220 · P221 · P280 · P370+P378 ·

TRANSPORT REGULATIONS: UN: 1479 · ADR: 5.1/II· IMDG: 5.1/II · IATA: 5.1/II · PAX: 558 · CAO: 562 · (E) ·

SPECIFICATIONS:

Assay (Iodom.) 99,4-100,4%

pH of 5% solution 5,0-8,0

Maximum limit of impurities

Insoluble matter in H2O 0,005 %

Loss on drying at 130C	0,05%
Nitrogen compounds (as N)	0,002%
Sulfate (SO4)	0,005%
Iodide (I)	0,001%
Bromide and Chloride (as Cl)	0,01%
Heavy Metals (ICP-OES)	0,0005 %
As	0,0001 %
Cd	0,0005 %
Co	0,0005 %
Cu	0,0005 %
Fe	0,001 %
Mg	0,001 %
Mn	0,0005 %
Na	0,005 %
Ni	0,0005 %
Pb	0,0005 %
Zn	0,0005 %

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