



PRODUCT CODE: 141542

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

IK
KI

M.= 166,01 CAS [7681-11-0] EINECS 231-659-4
TARIC 2827 60 00 00

PHYSICAL DATA: powder, crystals, White, Soluble in water 1.270 g/l at 20 °C D 3,12 • M.P.: 680 °C • B.P.: 1.330 °C • pH(50g/l)6,9 •
BIBLIOGRAPHY: Merck Index **12**, 7.809 13, 7.727 Sax **PLK500** • Safety **2**, **2905 D** • Römp **8**, **2019** • Kühn-Birett **K 12** • Fieser **5327 6227** • ACS **X537IX5144** (30-10-2003) • ISO 6353/2-1983 R - 25, 34 • **BP.2016** • **USP 39** • Ph. Eur. **7.0** (2013) **8.0** (2014) • F.C.C **8 9** • DAB 10 (1991)

HAZARDOUS: RTECS: TT 2975000 • LD L0 oral mus 1.862 mg/kg •

OBSERVATIONS: Storage away from direct light. •

SPECIFICATIONS:

Assay calc. a.d.s.	99,0-100,5 %
Identity :	
Identity according to Pharmacopoeias:	passes test

Maximum limit of impurities

Appearance of solution	passes test
Alkalinity	passes test
Insoluble matter in H2O	0,01 %
Loss on drying at 105°C	1,0%
Sulfate (SO4)	0,015%
Residual solvents (Ph.Eur/USP)	passes test
Chloride and bromide (as Cl)	0,05%
Nitrate, nitrite and ammonia	passes test
Thiosulfate	passes test
Iodate	passes test
Heavy metals (as Pb)	0,001%

Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)

Class 1A (Pt, Pd)	10 ppm
Class 1B (Ir, Rh, Ru, Os)	10 ppm
Class 1C (Mo, Ni, Cr, V)	25 ppm
Class 2 (Cu, Mn)	250 ppm
Class 3 (Fe, Zn)	1.300 ppm

As	0,0002 %
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Ba
Fe

passes test
0,002 %