



PRODUCT CODE: 201542

Potassium Iodide (F.C.C.) food 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 **XI** • ISO 6353/2-1983 R - 25 , 34 • BP.**2025** • USP **43** • Ph. Eur. **10.0** (2019) **11.0** (2023)

• F.C.C **12 13** • DAB 10 (1991) •

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



H: H372 •

P: P260 • P264 • P270 • P314 • P501 •

OBSERVATIONS: Storage away from direct light. •

SPECIFICATIONS:

Assay (as KI) (a.d.s.)

99,0-101,5%

Identity :

Identity Potassium

passes test

Identity Iodide

passes test

pH of 5% solution

6-10

Appearance

passes test

Loss on drying , not more than

1%

Iodate, not more than

4 ppm

Nitrate, nitrite and ammonia
Thiosulfate and Barium
Lead, not more than

passes test
passes test
4 ppm

Specifications F.C.C. 12

For use in foodstuffs according to F.C.C.