

**PRODUCT CODE: 631494****Potassium Chloride (Ph. Eur, BP, USP) GMP - IPEC grade**CIK
KCl

M.= 74,56

CAS [7447-40-7]

EINECS 231-211-8

TARIC 3104 20 90 00

PHYSICAL DATA: crystalline powder, White, Soluble in water 340 g/l at 20 °C D 20/4 1,98 • M.P.: 778 °C • B.P.: 1.420 °C • pH5,5 - 8,5 •

BIBLIOGRAPHY: Merck Index **12**, 7.783 13, 7.704 Sax **PLA500** • Safety **2**, **2897 C** • Römp **8**, **2014** • Fieser **6480** • ACS **XI** • ISO 6353/3-1987 R - 77, 48 • BP.**2018** • USP **41** • Ph. Eur. **8.0** (2014) **9.0** (2017) • F.C.C **10 11** • BOE **243**(8-10-2009) • Directive 98/86/EC • Regulation (EU) n° 231/2012 •

HAZARDOUS: RTECS: TS 8050000 • LD L0 oral man 20 mg/kg • LD50 oral rat 2.600 mg/kg •

SPECIFICATIONS:

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

Maximum limit of impurities

Appearance of solution	
Appearance Clear < formazin I	passes test
Appearance Colourless	passes test
Acidity or alkalinity (< 0.5 ml HCl or NaOH 0.01M)	passes test
Acidity or alkalinity USP	passes test

Loss on drying at 105°C	1,0 %
Bromide (Br)	0,1%
Sulfate (SO ₄)	0,0300 %
Iodide Ph. Eur.	passes test
Iodide (I) USP	0,005%
Calcium and magnesium	passes test
Magnesium and other alkaline-earth metals (as Ca)	0,0200%
Residual solvents (Ph.Eur/USP)	passes test
Heavy metals (as Pb)	0,0010 %
Ba	passes test
Fe	0,0020 %
Na	passes test
Elemental impurities (ICH Q3D):	
Class 1	
Cd	0,5 ppm
Pb	0,5 ppm
As	1 ppm
Hg	1,5 ppm
Class 2A	
Co	5 ppm
V	10 ppm
Ni	20 ppm
Class 2B	
Tl	0,8 ppm
Au	10 ppm
Pd	10 ppm
Ir	10 ppm
Os	10 ppm
Rh	10 ppm
Ru	10 ppm
Se	15 ppm
Ag	15 ppm
Pt	10 ppm
Class 3	
Li	55 ppm
Sb	120 ppm
Ba	140 ppm
Mo	25 ppm
Cu	250 ppm
Sn	600 ppm
Cr	25 ppm