

**PRODUCT CODE: 191494****Potassium Chloride (USP, BP, Ph. Eur.) pharma 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.**2025** • USP **43** • Ph. Eur. **10.0** (2019) **11.0** (2023) • F.C.C **12 13** • 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:	passes test

Maximum limit of impurities

Appearance of solution	passes test
Acidity or alkalinity	passes test
Loss on drying at 105°C	1,0%
Bromide (Br)	0,1%
Sulfate (SO4)	0,0300%
Iodide	passes test
Residual solvents (Ph.Eur/USP)	passes test
Calcium, Magnesium and alkaline-earth metals (as Ca)	0,0200%
Iodide (USP)	0,005 %

Al	0,0001	%
Fe	0,0020	%
Na	0,1	%

Elemental impurities (ICH Q3D):

Class 1

Cd	0,5 ppm
Pb	0,5 ppm
As	1,5 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