

**PRODUCT CODE: 131494****Potassium Chloride (Reag. USP) for analysis, ACS, ISO**

CIK
KCI

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 **42** • 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.) 99,5-100,5%

pH of 5% solution 5,4-8,0

Maximum limit of impurities

Insoluble matter in H2O 0,005 %

Loss on drying at 150°C 0,1%

Nitrogen compounds (as N) 0,001%

Bromide (Br) 0,01%

Phosphate (PO4) 0,0005 %

Sulfate (SO4) 0,001%

Iodide (I) 0,002%

Chlorate and nitrate (as NO3) 0,003%
Heavy metals (as Pb) 0,0005%

Metals by ICP [in mg/Kg (ppm)]

Ag	5
Al	10
Au	5
B	5
Ba	10
Be	5
Bi	5
Ca	10
Cd	5
Co	5
Cr	5
Cu	5
Fe	2
Ga	5
Ge	5
Hg	5
In	5
Li	5
Mg	10
Mn	5
Mo	5
Na	50
Ni	5
Pb	5
Pt	5
Sb	5
Se	5
Si	5
Sn	5
Sr	5
Ti	5
Tl	5
V	5
Zn	5
Zr	5

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