



PRODUCT CODE: 141479

Potassium Acetate (BP, Ph. Eur.) pure, pharma grade

$C_2H_3KO_2$
 CH_3COOK

M.= 98,15

CAS [127-08-2]

EINECS 204-822-2

TARIC 2915 29 00 90

SYNONYMS: Acetic Acid Potassium Salt

PHYSICAL DATA: Small crystals, White, Soluble in water 2.530 g/l at 20 °C Thermal decom. above 400 °C • D 1,57

• M.P.: 292 °C • pH7,5 - 8,5 •

BIBLIOGRAPHY: Merck Index **12**, 7.764 13, 7.687 Sax **PKT750** • Safety **2** , **15 C** • Römp **8** , **2012** • Beilstein **2** , **108 IV** , **111** • BRN 3595449 • Fieser **1906** **6475** • ACS **XI** • BP.**2018** • USP **42** • Ph. Eur. **8.0** (2014) **9.0** (2017)

• BOE **243**(8-10-2009) • Regulation (EU) n° 231/2012 •

HAZARDOUS: RTECS: AJ 3325000 • LD50 oral rat 3.250 mg/kg •

SPECIFICATIONS:

Assay (Perchl. Ac.) calc. a.d.s.	99,0-101,0 %
Identity :	
Identity according to Pharmacopoeias:	passes test
pH of 5% solution	7,5-9,0

Maximum limit of impurities

Appearance of solution	passes test
Insoluble matter in H ₂ O	0,025 %
Reducing substances	passes test
Loss on drying at 105°C	3,0%
Chloride (Cl)	0,01%

Phosphate (PO ₄)	0,005 %
Sulfate (SO ₄)	0,01%
Residual solvents (Ph.Eur.)	passes test
Al	0,0001 %
Ca	0,05 %
Fe	0,002 %
Mg	0,05 %
Na	0,5 %
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