

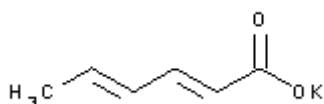


**PRODUCT CODE: 141531**

**Potassium Sorbate (BP, Ph. Eur.) pure, pharma grade**

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$C_6H_7KO_2$   
 $CH_3(CHCH)_2COOK$



M.= 150,22 CAS [24634-61-5] EINECS 246-376-1  
TARIC 2916 19 95 90

**SYNONYMS:** 2,4-Hexadienoic Acid Potassium Salt, Potassium 2,4-Hexadienoate, Sorbic Acid Potassium Salt

**PHYSICAL DATA:** crystals, powder, White, Soluble in water 1,95 g/l at 20 C Thermal decom. above 270 C · D (23 C) 1,36 · M.P.: 270 C · pH(50 g/l)8,3 · Ign. T.:178 C ·

**BIBLIOGRAPHY:** Merck Index **12**, 7.841 13, 7.756 Beilstein **2**, **H**, **484** · BP.**2020** · USP **-NF 37** · Ph. Eur. **9.0** (2017) **10.0** (2020) · F.C.C **11 12** · BOE **243**(8-10-2009) · Regulation (EU) n 231/2012 ·

**HAZARDOUS:**LD50 oral rat 3.800 mg/kg ·



H: H319 ·  
P: P264 · P280 · P302+P352 · P305+P351+P338 · P337+P313 ·

**OBSERVATIONS:** Storage away from direct light. ·

**SPECIFICATIONS:**

Assay (Perchl. Ac.) calc. a.d.s.	99,0-101,0%
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 105C	1,0%
Residual solvents (Ph.Eur/USP)	passes test
Aldehydes (as CH <sub>3</sub> CHO)	0,15%

## 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	1 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