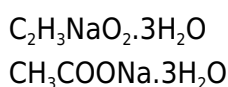


**PRODUCT CODE: 191632****Sodium Acetate 3-hydrate (USP, BP, Ph. Eur.) pharma grade**

M.= 136,08 CAS [6131-90-4] EINECS 204-823-8  
TARIC 2915 29 00 90

**SYNONYMS:** Acetic Acid Sodium Salt

**PHYSICAL DATA:** Small crystals, White, Soluble in water 762 g/l at 20 C Thermal decom. above 120 C · D 20/4 1,45  
· M.P.: 58 C · pH7,5 - 9,0 ·

**BIBLIOGRAPHY:** Merck Index **12**, 8.711 13, 8.642 Sax **SEG500** · Safety **2** , **15 D** · Rmp **8** , **2726** · Beilstein **2** , **96 IV** , **94** · BRN 3732037 · Fieser **11024** **5591** · ACS **XI** · ISO 6353/2-1983R - 29 , 39 · **BP.2020** · USP **42** · Ph. Eur. **9.0** (2017) **10.0** (2020) · F.C.C **11 12** · BOE **243**(8-10-2009) · Regulation (EU) n 231/2012 ·

**HAZARDOUS:**RTECS: AJ 4580000 · LD50 oral mus 6.891 mg/kg · LD50 oral rat 3.530 mg/kg ·

**SPECIFICATIONS:**

Assay (Perchl. Ac.) (calc. a.a.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 <sub>2</sub> O	0,005 %
Reducing substances	passes test
Loss on drying at 130C	39,0-40,5 %
Chloride (Cl)	0,005%
Nitrogen compounds (as N)	0,005%

Phosphate (PO <sub>4</sub> )	0,001 %
Sulfate (SO <sub>4</sub> )	0,003%
Residual solvents (Ph.Eur/USP)	passes test
Total aerobic microbial count (TAMC) + Total combined yeast and moulds (TYMC)	< 50 cfu/g
Calcium and magnesium (as Ca)	0,005%
Al	0,00002 %
Fe	0,001 %
K	passes test
Elemental impurities (ICH Q3D):	
Class 1	
Cd	0,5 ppm
Pb	0,5 ppm
As	0,5 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	10 ppm
Sn	600 ppm
Cr	25 ppm