



PRODUCT CODE: 131632

Sodium Acetate 3-hydrate (Reag. USP) for analysis, ACS, ISO

$C_2H_3NaO_2 \cdot 3H_2O$
 $CH_3COONa \cdot 3H_2O$

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** • Römp **8** , **2726** • Beilstein **2** , **96 IV** , **94** • BRN 3732037 • Fieser **11024 5591** • ACS **XI** • ISO 6353/2-1983R - 29 , 39 • BP.**2018** • USP **42** • Ph. Eur. **8.0** (2014) **9.0** (2017) • F.C.C **10 11** • 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.)	99,0-101,0%
Identity :	
Identity	passes test
pH of 5% solution	7,5-9,0

Maximum limit of impurities

Insoluble matter in H2O	0,005 %
Reducing substances to KMnO4 (en HCOOH)	0,005 %
Chloride (Cl)	0,0005%
Nitrogen compounds (as N)	0,001%
Phosphate (PO4)	0,0005 %

Sulfate (SO4)	0,002%
As	0,00005%
Heavy metals (as Pb)	0,0005%

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

Ag	3
Al	5
B	3
Ba	3
Be	3
Ca	10
Cd	5
Co	5
Cu	3
Fe	3
Ge	3
Hg	3
In	3
K	50
Li	3
Mg	5
Mn	3
Mo	3
Ni	5
Pb	5
Si	3
Sr	3
Ti	3
V	3
Zn	3
Zr	3