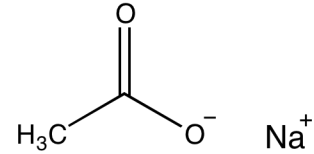


**Sodium acetate anhydrous, for analysis, ExpertQ®, ACS, Reag. Ph
Eur****Identification**

CH₃COONa
M = 82,03 g/mol
CAS [127-09-3]
EC number: 204-823-8
Taric code: 2915 29 00

**Synonyms**

Acetic acid sodium salt anhydrous

Applications

in food industry, analytical chemistry, synthesis of organic products, photography.

Specifications

assay (titration with HClO ₄).....	min. 99,0 %	aluminium (Al).....	max. 0,001 %
identity.....	passes test	calcium (Ca).....	max. 0,005 %
appearance of solution (10 %, H ₂ O).....	passes test	copper (Cu).....	max. 3 ppm
insoluble in water.....	max. 0,01 %	heavy metals (as Pb).....	max. 0,001 %
pH (5 %, H ₂ O).....	7,0 - 9,2	iron (Fe).....	max. 0,001 %
chlorides (Cl).....	max. 0,002 %	magnesium (Mg).....	max. 0,002 %
phosphates (as PO ₄).....	max. 0,001 %	potassium (K).....	max. 0,05 %
sulfates (SO ₄).....	max. 0,003 %	loss on drying (120 °C)	max. 1,0 %

Physical data

- Appearance: granular powder, white
- Spec. Density: 1,52 g/cm³
- Bulk density: ~ 320 - 470 kg/m³
- Solub. in water: (20 °C): 365 g/l
- Melting point: 324 °C (decomposes)
- Boiling point: > 400 °C (decomposes)
- Flash point: > 250 °C
- Ignition temperature: 607 °C
- pH(50 g/l H₂O, 20 °C) 7,5 - 9,0
- Hygroscopic

Toxicological data

- LD 50 (oral, rat): 3530 mg/kg
- WGK: 1
- Poison class CH (Swiss): 5