

Sodium acetate anhydrous, EssentQ®

Identification

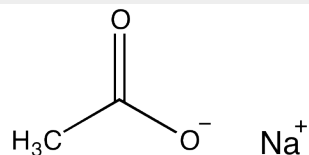
 CH_3COONa

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 , on dried sample) 99 - 101 %
 appearance of solution (10 %, H_2O).....passes test
 pH (5 %, H_2O)..... 7,5 - 9,2
 insoluble in water..... max. 0,05 %
 acidity (as CH_3COOH).....max. 0,01 %
 alkalinity (as NaOH) max. 0,01 %
 chlorides (Cl).....max. 0,005 %
 sulfates (SO_4).....max. 0,005 %

aluminium (Al).....max. 0,005 %
 arsenic (As).....max. 0,0002 %
 calcium and magnesium (as Ca)..... passes test
 heavy metals (as Pb).....max. 0,001 %
 iron (Fe).....max. 0,001 %
 potassium (K).....max. 0,05 %
 zinc (Zn).....max. 0,0025 %
 substances reducing KMnO_4 passes test
 loss on drying (130 °C)..... max. 1 %

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 H_2O , 20 °C) 7,5 - 9,0
- Hygroscopic

Transport/storage

- 10°C - 30°C