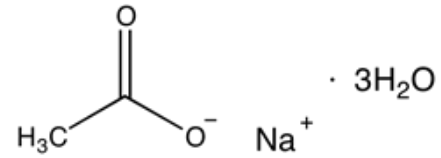


Identification

CH₃COONa·3H₂O
M = 136,08 g/mol
CAS [6131-90-4]
EC number: 204-823-8
Taric code: 2915 29 00

**Synonyms**

Acetic acid sodium salt trihydrate

Applications

analytical chemistry, laboratory reagent, in the pharmaceuticals industry, in food industry (E 262), in buffer solutions (for biology), in pharma industry.

Specifications

assay (titr. with HClO ₄ , referred to dried sample)	99,0 - 101,0 %	sulfates (SO ₄)	max. 50 ppm
Identification acetates	passes test	arsenic (As)	max. 2 ppm
Identification sodium	passes test	calcium and magnesium (as Ca)	max. 50 ppm
appearance of solution	clear and colourless	calcium and magnesium (as Ca)	passes test
insoluble in water	max. 0,05 %	iron (Fe)	max. 10 ppm
pH (3 %, H ₂ O)	7,5 - 9,2	potassium (K)	passes test
pH (5 %, H ₂ O)	7,5 - 9,0	reducing substances	passes test
chlorides (Cl)	max. 200 ppm	loss on drying (120 °C)	38,0 - 41,0 %
		loss on drying (130 °C)	39,0 - 40,5 %

Physical data

- Appearance: crystals, white
- Spec. Density: 1,42 g/cm³
- Bulk density: ~ 900 kg/m³
- Solub. in water: (20 °C): 613 g/l
- Melting point: 58 °C
- Boiling point: > 400 °C (anhydrous substance) (decomposes)
- Flash point: > 250 °C (anhydrous substance)
- Ignition temperature: 607 °C
- pH(50 g/l H₂O, 20 °C) 7,5 - 9,2

Transport/storage

- 10°C - 30°C