

Sodium acetate trihydrate, HPLC grade

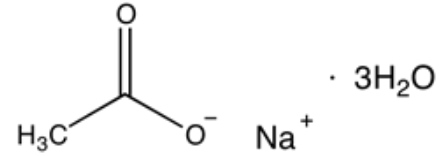
IdentificationCH₃COONa·3H₂O

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).

Specifications

assay (titration with HClO₄)..... min. 99,0 %
identity (IR-spectrum)..... passes test
insoluble in water max. 0,005 %

max. absorbance of an aqueous sol. 10 % in a 1,0 cm cell at
wavelength:..... absorbance:
250 nm..... 0,05 AU
260 nm..... 0,01 AU

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