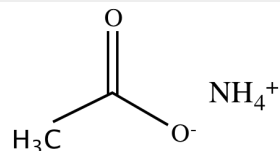


Identification

CH₃COONH₄
M = 77,08 g/mol
CAS [631-61-8]
EC number: 211-162-9
Taric code: 2915 29 00


Synonyms

Acetic acid ammonium salt

Applications

analytical chemistry, for the detection of: metals.

Specifications

assay (acidimetric).....	min. 96 %	copper (Cu).....	max. 0,002 %
insoluble in water.....	max. 0,01 %	heavy metals (as Pb).....	max. 0,0005 %
pH (5 %, H ₂ O).....	6,0 - 7,5	iron (Fe).....	max. 0,001 %
chlorides (Cl).....	max. 0,002 %	lead (Pb).....	max. 0,002 %
nitrates (NO ₃).....	max. 0,003 %	nickel (Ni).....	max. 0,002 %
phosphates (as PO ₄).....	max. 0,001 %	residue on ignition (as SO ₄).....	max. 0,02 %
sulfates (SO ₄).....	max. 0,01 %	water (K.F.).....	max. 2,5 %

Physical data

- Appearance: humid crystals, colourless
- Spec. Density: 1,17 g/cm³
- Bulk density: ~ 410 kg/m³
- Solub. in water: (20 °C): soluble
- Melting point: 114 °C
- Flash point: 136 °C
- pH(50 g/l H₂O, 20 °C) ~ 6,7 - 7,3
- Hygroscopic

Transport/storage

- 10°C - 30°C