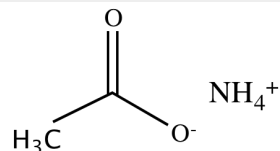


Identification

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. 98 %
identity (IR-spectrum)..... passes test
insoluble matter..... passes test
pH (5 %, H₂O)..... 6,5 - 7,5
chlorides (Cl)..... max. 0,0005 %
iron (Fe)..... max. 0,0001 %

heavy metals (as Pb)..... max. 0,0001 %
max. absorbance of an aqueous sol. 10 % in a 1,0 cm cell at
wavelength:..... absorbance:
250 nm..... 0,05 AU
260 nm..... 0,04 AU
270 nm..... 0,03 AU
280 nm..... 0,02 AU

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