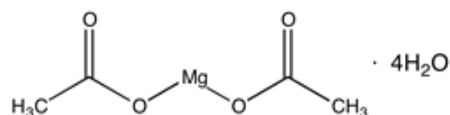


Magnesium acetate tetrahydrate, for analysis, ExpertQ®, ACS

Identification

Mg(CH₃COO)₂·4H₂O
M = 214,46 g/mol
CAS [16674-78-5]
EC number: 205-554-9
Taric code: 2915 29 00

**Synonyms**

Acetic acid magnesium salt tetrahydrate

Applications

analytical chemistry, in food industry.

Specifications

assay (complexometric).....	99,5 - 102,0 %	copper (Cu).....	max. 5 ppm
identity (IR-spectrum).....	passes test	heavy metals (as Pb).....	max. 5 ppm
insoluble in water.....	max. 0,005 %	iron (Fe).....	max. 1 ppm
chlorides (Cl).....	max. 0,001 %	manganese (Mn).....	max. 0,001 %
sulfates (SO ₄).....	max. 0,001 %	potassium (K).....	max. 0,005 %
barium (Ba).....	max. 0,001 %	sodium (Na).....	max. 0,001 %
calcium (Ca).....	max. 0,001 %	strontium (Sr).....	max. 0,005 %
		zinc (Zn).....	max. 2 ppm

Physical data

- Spec. Density: 1,45 g/cm³
- Bulk density: ~ 510 kg/m³
- Solub. in water: (20 °C): soluble
- Melting point: 80 °C
- pH(50 g/l H₂O, 20 °C) 6,1

Transport/storage

- 15°C - 25°C