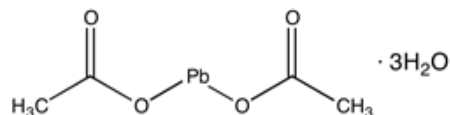


Lead(II) acetate trihydrate, for analysis, ExpertQ®, ACS, ISO, Reag. Ph Eur**Identification**

Pb(CH₃COO)₂·3H₂O
M = 379,34 g/mol
CAS [6080-56-4]
EC number: 206-104-4
Taric code: 2915 29 00

**Synonyms**

Acetic acid lead salt trihydrate

Applications

analytical chemistry, manufacture of dyes, stain for electron microscopy.

Specifications

assay (complexometric).....	99,5 - 102,0 %	calcium (Ca).....	max. 50 ppm
insoluble matter.....	max. 0,01 %	copper (Cu).....	max. 10 ppm
chlorides (Cl).....	max. 5 ppm	iron (Fe).....	max. 10 ppm
nitrates and nitrites (as NO ₃).....	max. 0,002 %	potassium (K).....	max. 50 ppm
		sodium (Na).....	max. 50 ppm

Physical data

- Appearance: transparent crystals, bright slightly pink
- Spec. Density: 2,55 g/cm³
- Bulk density: ~ 1200 kg/m³
- Solub. in water: (20 °C): 410 g/l
- Melting point: 75 °C
- pH(50 g/l H₂O, 20 °C) 5,5 - 6,5

Safety - GHS

Signal Word: Danger

Hazard Statements:

- H360Df: May damage the unborn child. Suspected of damaging fertility.
H373: May cause damage to organs through prolonged or repeated exposure.
H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.

**Precautionary Statements:**

- P260: Do not breathe dust / fume / gas / mist / vapours / spray.
P280: Wear protective gloves / protective clothing / eye protection / face protection.
P273: Avoid release to the environment.
P308+P313: IF exposed or concerned: Get medical advice / attention.
P405: Store locked up.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 6.1 T5 III • UN 1616 • LEAD ACETATE
- IMDG: 6.1 III • UN 1616 • LEAD ACETATE
- IATA/ICAO: 6.1 III • UN 1616 • LEAD ACETATE
- PAX: 619
- CAO: 619
- 10°C - 30°C