

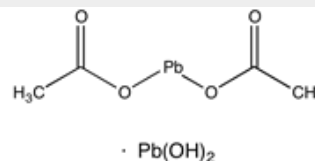
**Lead(II) hydroxide acetate, for analysis, ExpertQ®, for determination of sugar according to Horne, ACS****Identification**C<sub>4</sub>H<sub>8</sub>O<sub>6</sub>Pb<sub>2</sub>

M = 566,50 g/mol

CAS [51404-69-4]

EC number: 257-175-3

Taric code: 2915 29 00

**Synonyms**

Horne's compound, Lead(II) acetate basic, Lead subacetate

**Applications**

analytical chemistry, for determination of: sugars.

**Specifications**

assay (PbO) .....	min. 33,0 %	calcium (Ca).....	max. 0,01 %
insoluble in diluted CH <sub>3</sub> COOH.....	max. 0,02 %	copper (Cu).....	max. 0,002 %
insoluble in water.....	max. 1,0 %	iron (Fe).....	max. 0,002 %
chlorides (Cl).....	max. 0,003 %	potassium (K).....	max. 0,02 %
nitrates and nitrites (as NO <sub>3</sub> ).....	passes test	sodium (Na).....	max. 0,05 %
total nitrogen (as N).....	max. 0,0005 %	loss on drying (105 °C).....	max. 1,0 %

**Physical data**

- Appearance: powder, white or almost white
- Bulk density: ~ 2100 kg/m<sup>3</sup>
- Solub. in water: (20 °C): soluble
- pH(50 g/l H<sub>2</sub>O, 20 °C) 7,2

**Safety - GHS****Signal Word:** Danger**Hazard Statements:**

- H360Df: May damage the unborn child. Suspected of damaging fertility.
- H351: Suspected of causing cancer.
- 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 2291 • LEAD COMPOUND, SOLUBLE, N.O.S.(Lead(II) hydroxide acetate)
- IMDG: 6.1 III • UN 2291 • LEAD COMPOUND, SOLUBLE, N.O.S.(Lead(II) hydroxide acetate)
- IATA/ICAO: 6.1 III • UN 2291 • LEAD COMPOUND, SOLUBLE, N.O.S.(Lead(II) hydroxide acetate)
- PAX: 619
- CAO: 619
- 10°C - 30°C