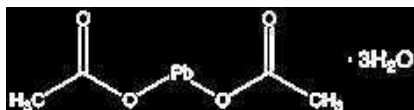


## LEAD(II) ACETATE TRIHYDRATE



- Synonyms: Acetic acid lead salt trihydrate
- $\text{Pb}(\text{CH}_3\text{COO})_2 \cdot 3\text{H}_2\text{O}$
- $M = 379,34 \text{ g/mol}$
- CAS [6080-56-4]
- EINECS-No.: 206-104-4
- Solub. in water: (20 °C): 410 g/l
- Melting point: 75 °C
- LD 50 (oral, rat): 4665 mg/kg
- EC-Index-No.: 082-005-00-8
- ADR: 6.1 T5 III UN 1616

- IMDG: 6.1 III UN 1616
- IATA/ICAO: 6.1 III UN 1616
- GHS-signal word: Danger
- GHS-H sentences: H360Df - H373 - H400 - H410
- GHS-P sentences: P260 - P281 - P273 - P308 + P313 - P405 - P501a
- Tariff number: 2915 29 00 90
- Applications: analytical chemistry, manufacture of dyes, stain for electron microscopy.
- Appearance: Colourless to white solid

### PL0114 Lead(II) acetate trihydrate, EssentQ®



assay (complexometric) . . . . . 99,5 - 102 %  
insoluble in  $\text{CH}_3\text{COOH}$ . . . . . max. 0,005 %  
chlorides (Cl) . . . . . max. 0,002 %  
copper (Cu) . . . . . max. 0,001 %  
iron (Fe) . . . . . max. 0,001 %  
silver (Ag) . . . . . max. 0,001 %  
zinc (Zn) . . . . . max. 0,005 %

alkali and alkaline earth metals . . . . . max. 0,5 %

ART. NO.	VOLUME	CONTAINER
PL01140500	500 g	P
PL01141000	1 kg	P
PL0114005P	5 kg	P
PL0114025P	25 kg	P

### PL0115 Lead(II) acetate trihydrate, ExpertQ®, for analysis, ACS, ISO, Reag. Ph Eur



assay (complexometric) . . . . . 99,5 - 103,0 %  
insoluble in water. . . . . max. 0,01 %  
chlorides (Cl) . . . . . max. 0,0005 %  
nitrates and nitrites (as  $\text{NO}_2$ ) . . . . . max. 0,005 %  
total nitrogen (as N) . . . . . max. 0,001 %  
calcium (Ca) . . . . . max. 0,005 %  
cadmium (Cd) . . . . . max. 0,001 %

copper (Cu) . . . . . max. 0,001 %  
iron (Fe) . . . . . max. 0,001 %  
magnesium (Mg) . . . . . max. 0,005 %  
potassium (K) . . . . . max. 0,005 %  
sodium (Na) . . . . . max. 0,005 %  
zinc (Zn) . . . . . max. 5 ppm  
non precipitable with  $\text{H}_2\text{S}$  (as  $\text{SO}_3$ ) . . . . . max. 0,05 %

ART. NO.	VOLUME	CONTAINER
PL01150500	500 g	P
PL01151000	1 kg	P
PL0115005P	5 kg	P

## LEAD(II) CHLORIDE

### PL0120 Lead(II) chloride, EssentQ®



- $\text{PbCl}_2$
- $M = 278,10 \text{ g/mol}$
- CAS [7758-95-4]
- EINECS-No.: 231-845-5
- Solub. in water: (20 °C): 10 g/l
- Melting point: 500 °C
- Boiling point: 950 °C
- LD 50 (oral, rat): > 1947 mg/kg
- EC-Index-No.: 082-001-00-6
- ADR: 6.1 T5 III UN 2291
- IMDG: 6.1 III UN 2291

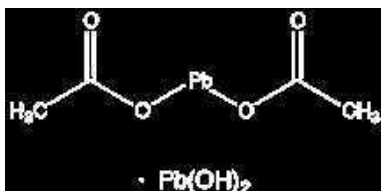
- IATA/ICAO: 6.1 III UN 2291
- GHS-signal word: Danger
- GHS-H sentences: H360Df - H373 - H400 - H410 - H302 - H332 - EUH201
- GHS-P sentences: P260 - P261 - P281 - P304 + P340 - P405 - P501a
- Tariff number: 2827 39 80 90
- Applications: synthesis of organic products, pigment, in solders, laboratory reagent.

assay (complexometric) . . . . . min. 99 %  
nitrates ( $\text{NO}_2$ ) . . . . . max. 0,01 %  
iron (Fe) . . . . . max. 0,005 %

ART. NO.	VOLUME	CONTAINER
PL01200500	500 g	P
PL01201000	1 kg	P

## LEAD(II) HYDROXIDE ACETATE

### PL0135 Lead(II) hydroxide acetate, ExpertQ®, for analysis, for determination of sugar according to Horne, ACS



- Synonyms: Horne's compound, Lead(II) acetate basic, Lead subacetate
- $\text{C}_4\text{H}_6\text{O}_8\text{Pb}_2$
- $M = 566,50 \text{ g/mol}$
- CAS [51404-69-4]
- EINECS-No.: 257-175-3
- Solub. in water: (20 °C): soluble
- EC-Index-No.: 082-001-00-6
- ADR: 6.1 T5 III UN 2291
- IMDG: 6.1 III UN 2291
- IATA/ICAO: 6.1 III UN 2291
- GHS-signal word: Danger
- GHS-H sentences: H360Df - H351 - H373 - H400 - H410
- GHS-P sentences: P260 - P281 - P273 - P308 + P313 - P405 - P501a
- Tariff number: 2915 29 00 90
- Applications: analytical chemistry, for determination of: sugars.

assay (PbO) . . . . . min. 33,0 %  
identity (IR-spectrum) . . . . . passes test  
insoluble in diluted  $\text{CH}_3\text{COOH}$ . . . . . max. 0,02 %  
insoluble in water. . . . . max. 1,0 %  
chlorides (Cl) . . . . . max. 0,003 %  
nitrates ( $\text{NO}_2$ ) . . . . . max. 0,003 %  
calcium (Ca) . . . . . max. 0,01 %  
copper (Cu) . . . . . max. 0,002 %  
iron (Fe) . . . . . max. 0,002 %  
potassium (K) . . . . . max. 0,02 %  
sodium (Na) . . . . . max. 0,05 %  
loss on drying (105 °C). . . . . max. 1,0 %

ART. NO.	VOLUME	CONTAINER
PL0135005P	5 kg	P
PL0135025P	25 kg	P