



# Product Specification

## Product Name: LEAD ACETATE Trihydrate AR

Alternate Name(s)

### Description

White crystals. Commercial grades are frequently brown or grey lumps; sweetish taste.

### Properties

Chemical Formula:  $\text{Pb}(\text{C}_2\text{H}_3\text{O}_2)_2 \cdot 3\text{H}_2\text{O}$

Molecular Weight: 379.33

Product Code: LA030

CAS No. 6080-56-4

### General Information:

Soluble in water. Slightly soluble in alcohol; freely soluble in glycerol. Incompatible with strong oxidizers, acids and bases.

### Hazard and Safety Data

UN Group: III  
Class: 6.1  
UN Number: 1616  
Hazchem code: 2Z  
CS MSDS Code: 1CH3O  
Poison schedule: S6  
Emergency  
Procedure Guide No.: 34

### Quality Specification

Assay: 99.0% min.

### Specific Properties and Impurities [Typical levels]:

Decomposition Temp.	200 °C
pH Value (50 g/l, H <sub>2</sub> O, 20 °C)	5.5 - 6.5
Solubility in Water	410 g/l
Specific Gravity	2.55
Melting Point	75 °C
Insoluble matter	≤ 0.01 %
Chloride (Cl)	≤ 0.0005 %
Nitrate and nitrite (as NO <sub>3</sub> )	≤ 0.005 %
Copper (Cu)	≤ 0.002 %
Iron (Fe)	≤ 0.001 %
Potassium (K)	≤ 0.005 %
Sodium (Na)	≤ 0.01 %
Calcium	≤ 0.005 %

CONFORMS TO ACS

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