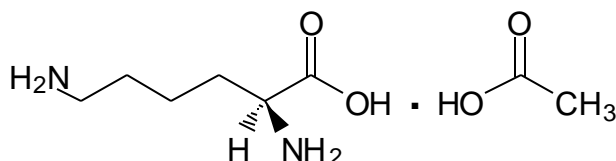


# PRODUCT DATA

## L-Lysine Acetate USP



L-Lysine Acetate USP meets all requirements of the United States Pharmacopeia (USP) 23.

### CHEMICAL AND PHYSICAL PROPERTIES

[CAS No. 57282-49-2]

$C_6H_{14}N_2O_2 \cdot C_2H_4O_2$  MW: 206.24

White, odorless crystals or crystalline powder, having an acid taste.  
Freely soluble in water.

### SPECIFICATIONS

Identification	:	Infrared Absorption
Specific rotation $[\alpha]_D^{25}$	:	+8.4° - + 9.9°
Loss on drying (80°, 3 hrs)	:	Not more than 0.2 %
Residue on ignition	:	Not more than 0.4 %
Chloride (Cl)	:	Not more than 0.05 %
Sulfate (SO <sub>4</sub> )	:	Not more than 0.03 %
Arsenic (As)	:	Not more than 1.5 ppm
Iron (Fe)	:	Not more than 0.003%
Heavy metals (as Pb)	:	Not more than 0.0015%
Organic Volatile Impurities	:	Meets USP requirements
Assay (dry basis)	:	98.0 % - 102.0 %

### PACKING AND STORAGE

Fiber drum: 50 kg net weight.  
Preserve in well-closed containers.