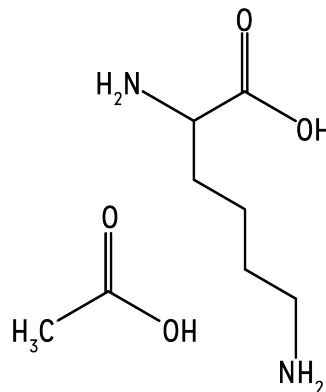


Product Specification

Product Name	L-Lysine Acetate
Compendia	USP/EP/JP
CAS #	57282-49-2
Formula	$C_6H_{14}N_2O_2 \cdot C_2H_4O_2$
Molecular Weight	206.24
Description	White crystals or crystalline powder: slight acid taste.
Solubility	Very soluble in water, soluble in formic acid, practically insoluble in ethanol (95).
Identification	Compare the infrared absorption spectrum of the sample with that of the standard by potassium bromide disc method.



Test	Specification
Specific Rotation @ 20°C	+8.5 to +10.0°
State of Solution	Clear and Colorless; Not less than 98.0%
Chloride (Cl)	Not more than 0.020%
Ammonium (NH₄)	Not more than 0.02%
Sulfate (SO₄)	Not more than 0.020%
Iron (Fe)	Not more than 10ppm
Heavy Metals (Pb)	Not more than 10ppm
Arsenic (As₂O₃)	Not more than 1ppm
Related Substances	Conforms
Loss of Drying	Not more than 0.20%
Residue on ignition (Sulfated)	Not more than 0.10%
Assay	98.5 to 101.0%
pH	6.5 to 7.5
Endotoxin	Less than 6.0 EU/g