

Technical Data

# L-LYSINE MONOHYDROCHLORIDE

## Feed Grade

**CAS No.** 56-87-1

**Formula**  $C_6H_{14}N_2O_2$

**Product Description** Feed grade L-Lysine HCl is a high purity amino acid. Its appearance is micro-granular and beige in color.

Nutrient Properties	Specification	Typical
L-Lysine HCl, wt%	99.0% Minimum	
Loss on drying		Less than 1.0%
Residue on ignition		Less than 0.3%
pH(10% soln)		5.0 ~ 6.0
Specific rotation		+18.0 ~ +21.5
Heavy metals		Less than 20 PPM
Arsenic		Less than 2 PPM
Ammonium		Less than 400 PPM
Salmonella species		Negative
Escherichia coli		Negative

### Physical Properties

**Particle Size**  
80% <60 mesh

Bulk Density, lbs./cu. ft. 37 - 41

**Packaging Options** 25 kgs kraft bag

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