

Raw Material Specification	
Product name:	L-Isoleucine
Article No.:	RA00020K
CAS no.:	73-32-5
Shelf Life:	2 years
Country of Origin:	China
Items	Limits
Description	White crystals or crystalline powder
Assay	98.5 % ~ 101.5
Identification (Infrared Absorption)	Corresponding to Reference Spectrum
Mesh Size	-
PH	5.5 ~ 7.0
Specific rotation	+38.9° ~ +41.8°
Residue on Ignition	≤ 0.1 %
Loss on Drying	≤ 0.2 %
Bulk Density	≥ 0.4 g/ml
Chloride (Cl)	≤ 500 ppm
Iron (Fe)	≤ 30 ppm
Sulfate (SO ₄)	≤ 300 ppm
Heavy Metals	≤ 15 ppm
Lead (Pb)	≤ 3 ppm
Arsenic (As)	≤ 1 ppm
Cadmium (Cd)	≤ 1 ppm
Mercury (Hg)	≤ 0.1 ppm
Total Plate Count	≤ 1000 cfu/g
Yeast and Molds	≤ 100 cfu/g
E. coli	Negative in 10 g
Staphylococcus aureus	Negative in 10 g
Salmonella	Negative in 10 g
Organic volatile impurities	Meets the requirements
Comply with the standard of USP24	
Storage:	In cool and dry place