

<b>Raw Material Specification</b>	
<b>Product name:</b>	<b>L-Leucine (Fermentation)</b>
<b>Article No.:</b>	RA00021K
<b>CAS no.:</b>	61-90-5
<b>Shelf Life:</b>	2 years
<b>Country of Origin:</b>	China
<b>Items</b>	<b>Limits</b>
Description	White crystals or crystalline powder
Assay	98.5 % ~ 101.5
Identification (Infrared Absorption)	Corresponding to Reference Spectrum
Mesh Size	80 Mesh
PH	5.5 ~ 7.0
Specific rotation	+14.9° ~ +17.3°
Residue on Ignition	≤ 0.1 %
Loss on Drying	≤ 0.2 %
Bulk Density	(0.2 - 0.6) g/ml
Chloride (Cl)	≤ 500 ppm
Iron (Fe)	≤ 30 ppm
Sulfate (SO <sub>4</sub> )	≤ 300 ppm
Heavy Metals	≤ 10 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 25 g
Organic volatile impurities	Meets the requirements
Comply with the standard of USP24	
Storage:	In cool and dry place