



CERTIFICATE OF ANALYSIS

Product	L-Leucine
Grade	Ultra Pure
Product Code	LB0922
Formula	C ₆ H ₁₃ NO ₂
MW	131.18
CAS#	61-90-5
Lot No	

Test Items	Specifications	Results
Appearance:	White Crystalline Powder	
Assay (Dry basis)	98.5 - 101.0%	
Specific rotation (2%, water)	+14.9° - +17.3°	
Appearance of solution	Passes test	
Identity	Passes test	
pH	5.5-6.5	
Loss on Drying	≤0.2%	
Residue on ignition	≤0.1%	
Heavy Metals	≤10 ppm	
Iron	≤10ppm	
Chloride	≤0.02%	
Sulfate	≤0.03%	
Ammonium	≤0.02%	
Ninhydrin positive substances	≤0.5%	

Storage: R.T.