

Item Number	L1202
Item	Leucine, USP
CAS Number	61-90-5
Molecular Formula	C <sub>6</sub> H <sub>13</sub> NO <sub>2</sub>
Molecular Weight	131.17
MDL Number	
Synonyms	

Test	Specification	
	Min	Max
ASSAY (DRIED BASIS)	98.5	101.5 %
SPECIFIC ROTATION [α] <sub>D</sub> <sup>25</sup>	+14.9° to +17.3°	
pH OF A 1 IN 100 SOLUTION	5.5	7.0
LOSS ON DRYING		0.2 %
RESIDUE ON IGNITION		0.4 %
CHLORIDE (Cl)		0.05 %
SULFATE (SO <sub>4</sub> )		0.03 %
IRON (Fe)		30 ppm
RELATED COMPOUNDS:		
INDIVIDUAL IMPURITY		0.5 %
TOTAL IMPURITIES		2.0 %
ELEMENTAL IMPURITIES:		
CADMIUM (Cd)	AS REPORTED	
LEAD (Pb)	AS REPORTED	
ARSENIC (As)	AS REPORTED	
MERCURY (Hg)	AS REPORTED	
IDENTIFICATION	SPECTRUM MATCHES REFERENCE	
EXPIRATION DATE		
DATE OF MANUFACTURE		
APPEARANCE		
RESIDUAL SOLVENTS	AS REPORTED	

*Spectrum Chemical Mfg Corp*

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*Spectrum Chemical Mfg Corp*

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