

**Specification Sheet**

Product Name	L-Leucine		
Packing	25Kg/Drum	Shelf Life:	24Months

<b>Analysis</b>	<b>Specification</b>
Identification	Infrared Absorption
Specific rotation	+14.9 ° to +17.3 °
pH Value	Between 5.5 and 7.0
Loss on drying	not more than 0.2%
Residue on ignition	not more than 0.4%
Chloride	not more than 0.05%
Sulfate	not more than 0.03%
Iron	not more than 0.003%
Heavy metals	not more than 0.0015%
Chromatographic purity	As per USP30 (By TLC)
Individual impurity	≤0.5%
Total impurity	≤2.0%
Organic volatile impurities	Meets the requirements
Assay	98.5 to 101.5%
<b>Conclusion:</b>	<b>Conforms to USP30 standard</b>