

Shine Star (Hubei) Biological Engineering Co., Ltd.

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SPECIFICATIONS

Product name: L- Leucine **CAS no.: 61-90-5**
Quality standard: USP31
Characters: white or almost white crystalline powder
sparingly soluble in water

Test Items	Limit
Identification	as per USP31
Specific rotation	between +14.9° to +17.3°
pH	between 5.5 to 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 USP31
Organic volatile impurities	as per USP31
Residual solvents	as per USP31
Assay	98.5% to 101.5%

Packaging and storage:
Preserve in well-closed containers and protected from light