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SPECIFICATIONS

Product name: L- Leucine

CAS no.: 61-90-5

Quality standard: USP33

Characters: white or almost white crystalline powder

Test Items	Limit
Identification	as per USP33
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 USP33
Assay	98.5% to 101.5%

Packaging and storage:

Preserve in well-closed containers.