

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

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## SPECIFICATIONS

**Product name: L- Leucine**      **CAS no.: 61-90-5**  
**Quality standard: EP6**  
**Characters: white or almost white crystalline powder**  
**sparingly soluble in water**

Test Items	Limit
Identification	conforms (as per EP6)
Appearance of solution	clear and not more intensely coloured than reference solution BY <sub>6</sub>
Specific optical rotation	+14.5° to +16.5°
Ninhydrin-positive substances	conforms (as per EP6)
Chlorides	≤200ppm
Sulphates	≤300ppm
Ammonium	≤200ppm
Iron	≤10ppm
Heavy metals	≤10ppm
Loss on drying	≤0.5%
Sulphated ash	≤0.1%
Assay	98.5% to 101.0%

**Storage: Preserve in well-closed containers and protected from light**