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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 ₆
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