



PREMIUM INGREDIENT CO.,LTD

普瑞米恩生物科技有限公司

www.premiumingredient.com

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 item	Limit
Identification	Conforms (as per EP6)
Appearance of solution	clear and not more intensely coloured than reference solution BY6
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.