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CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2026

Re-test Date: Mar 2029

Product Name: L-Leucine

Identification:

Chemical Name: (2S)-2-Amino-4-methylpentanoic acid (as per EP)

Synonyms : NA

CAS Number : 61-90-5

CAT Number : CP-L28007

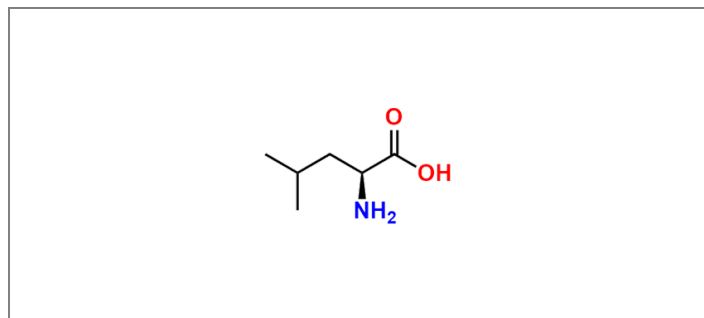
Molecular Formula : C₆H₁₃NO₂

Molecular Weight : 131.18

Batch Number : CHEM-LCN-011

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	White to Off White Solid
2)	Solubility	Solubility in dilute HCl and D2O
3)	MASS By LCMS	Confirm to structure
4)	Purity By ELSD	-
5)	¹ H NMR	Confirm to structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	-
8)	Potency by TGA	-



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.