



CERTIFICATE OF ANALYSIS

PRODUCT NAME : L-LEUCINE FOR BIOCHEMISTRY

CAS No : 61- 90- 5
Mol. Formula : C₆H₁₃NO₂
Mol. WT : 131.18
Date of Analysis : 01/08/21

Product code : 53240
Batch No. : MCR-23887
Mfd. : Aug. 2021
Exp. : July 2026

S. R	Test	Specification	Observation
1	Description	White powder or crystalline powder.	White crystalline powder.
2	Assay(HClO ₄ titration)	99% min	99.44%
3	Specific rotation [α] ²⁰ _D (C = 2,5N HCl)	+ 14 ⁰ to + 15 ⁰	+ 14.91 ⁰
4	Loss on drying (105°C)	0.5% max	0.47%
5	Chloride (Cl)	0.01% max	<0.01%
6	Sulphate (SO ₄)	0.01% max	<0.01%
7	Iron (Fe)	0.001% max	<0.001%
8	Ammonium (NH ₄)	0.02% max	<0.02%
9	Heavy metals (as Pb)	0.001% max	<0.001%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**HEAD-QUALITY ASSUARANCE
(G.G.Salian)**

Note: Computer generated image requires no sign.

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**Works: Plot No./9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,
Kulgaon, Badlapur (E), Dist.-Thane-421 503**