



CERTIFICATE OF ANALYSIS

PRODUCT NAME : L-LEUCINE FOR BIOCHEMISTRY

CAS No : 61-90-5
Mol. Formula : C₆H₁₃NO₂
Mol. WT : 131.18
Date of Analysis : 30/04/24

Product code : 53240
Batch No. : MCR-28834-01
Mfd. : April 2024
Exp. : March 2029

S. R	Test	Specification	Observation
1	Description	White powder or crystalline powder.	White crystalline powder.
2	Assay(HClO ₄ titration)	99% min	99.18%
3	Specific rotation $[\alpha]^{20}_D$ (C = 2,5N HCl)	+ 14 ⁰ to + 15 ⁰	+ 14.96 ⁰
4	Loss on drying (105°C)	0.5% max	0.01%
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]

CHEMIST
(Durvas)

HEAD-QUALITY ASSURANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

MOLYCHEM H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: info@molychem.net • Web: www.molychem.net

Reg. Office : 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.

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