

CERTIFICATE OF ANALYSIS

PRODUCT NAME : L-ISOLEUCINE FOR BIOCHEMISTRY

CAS No : 73-32-5
Mol. Formula : C₆H₁₃NO₂
Mol. WT : 131.18
Date of analysis : 04/09/23

Product code : 15120
Batch No : MCR-23846-01
Mfd. : Sept. 2023
Exp. : Aug. 2028

S. R	Test	Specification	Observation
1	Description	White crystalline powder or powder.	White powder.
2	Assay	99% w/w min	99.28% w/w
3	Specific rotation $[\alpha]^{20}_D$ C = 2, 5 N HCl	+ 36 to + 37°	+ 36.25°
4	Loss on drying at 110°C	0.5% max	0.14%
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	Heavy metals (Pb)	0.001% max	< 0.001%
9	Ammonium (NH ₄)	0.01% max	< 0.01%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

CHEMIST
(Ruchi)

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.