

CERTIFICATE OF ANALYSIS

PRODUCT NAME : L-TRYPTOPHAN

CAS No	: 73-22-3	Product code	: 19680
Mol. Formula	: C ₁₁ H ₁₂ N ₂ O ₂	Batch No	: MCR-34043
Mol. Wt	: 204.23	Mfd.	: May 2025
Date of analysis	: 21/05/25	Exp.	: April 2030

S.R	Test	Specification	Observation
1	Description	White to almost white powder.	Almost white powder.
2	Assay	99% min	99.64%
3	Heavy metals (as Pb)	0.001% max	<0.001%
4	Ammonium (NH₄)	0.01% max	< 0.01%
5	Loss on drying at 105⁰C	0.5% max	0.48%
6	Chloride (Cl)	0.01% max	<0.01%
7	Sulphate (SO₄)	0.01% max	<0.01
8	Iron (Fe)	0.001% max	<0.001
9	Specific rotation [α]²⁰_D (C = 1, water)	- 33 to -30 ⁰	-30.55 ⁰

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Shrutti)**



[QC Incharge]



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

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.