

CERTIFICATE OF ANALYSIS

**PRODUCT NAME : L-HISTIDINE MONOHYDROCHLORIDE
FOR BIOCHEMISTRY**

CAS No	: 5934-29-2	Product code	: 14820
Mol. Formula	: $C_6H_{10}ClN_3O_2 \cdot H_2O$	Batch No	: MCR-33018
Mol. WT	: 209.63	Mfd.	: Jan. 2025
Date of analysis	: 25/01/25	Exp.	: Dec. 2029

S.R	Test	Specification	Observation
1	Description	White crystalline powder.	White crystalline powder.
2	Assay (argentometric, on anhydrous substances)	99% min	99.10%
3	Specific rotation $[\alpha]^{20}$ (C = 11, 5N HCl & water)	+ 8.5 to + 9.5 ⁰	+ 9.08 ⁰
4	Other ninhydrin positive substances (as glycine)	0.1% max	< 0.1%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Shruti)**



[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.