

CERTIFICATE OF ANALYSIS

PRODUCT NAME : L-LYSINE MONOHYDROCHLORIDE

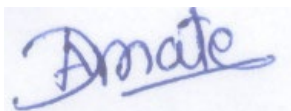
CAS No : 657-27-2
Mol. Formula : $C_6H_{15}ClN_2O_2$
Mol. WT : 182.65
Date of analysis : 26/08/24

Product code : 15460
Batch No : MCM-5703-01
Mfd. : Aug. 2024
Exp. : July 2027

S.R	Test	Specification	Observation
1	Description	White to off white powder or crystalline powder or granular powder.	Off white powder.
2	Assay (ex Cl)	99% w/w min	99.57% w/w
3	Specific rotation 20°C (6 % w/v in hydrochloric acid)	+20.4° to +21.6°	+21.2°
4	Loss on drying at 110°C	0.5% max	0.46%
5	Sulphated ash	0.1% max	0.05%
6	Iron (Fe)	0.001% max	<0.001%
7	Lead (Pb)	0.001% max	<0.001%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Deepa)**

[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.