

CERTIFICATE OF ANALYSIS

PRODUCT NAME : L-ALANINE FOR BIOCHEMISTRY

CAS No	: 56-41-7	Product code	: 21280
Mol. Formula	: C ₃ H ₇ NO ₂	Batch No.	: MCR-21544-04
Mol. WT	: 89.09	Mfd.	: Oct. 2024
Date of analysis	: 30/10/24	Exp.	: Sept. 2029

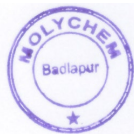
S.R.	Test	Specification	Observation
1	Description	White crystalline powder.	White crystalline powder.
2	Minimum assay (HClO₄ titration) (on dried basis)	99% min	99.09%
3	Specific rotation [α]²⁰_D (C=5 in HCL 1mol/litre)	+14 ⁰ to +16 ⁰	+15 ⁰
4	Heavy metals (as Pb)	0.001% max	<0.001%
5	Loss on drying at 105⁰C	0.5% max	0.27%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Durvas)**



[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.