



CERTIFICATE OF ANALYSIS

PRODUCT NAME : L-PROLINE

CAS No : 147-85-3
Mol. Formula : C₅H₉NO₂
Mol. WT : 115.13
Date of analysis : 15/12/20

Product code : 17520
Batch No : MCR-22509
Mfd. : Dec. 2020
Exp. : Nov. 2025

S. R	Test	Specification	Observation
1	Description	White to almost white crystalline powder.	Almost white crystalline powder.
2	Assay (HClO ₄ titration)	99% min	99.14%
3	Specific rotation [α] ²⁰ _D (C=2,water)	-86 ⁰ to -84 ⁰	-84.99 ⁰
4	Loss on drying at 105 ⁰ C	0.5% max.	0.21%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

HEAD-QUALITY ASSUARANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai – 400 002 (INDIA)
Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : info@molychem.net
Works: Plot No. B/9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,
Kulgaon, Badlapur (E), Dist.-Thane-421 503