

CERTIFICATE OF ANALYSIS

PRODUCT NAME : L-PROLINE

CAS No : 147-85-3
Mol. Formula : C₅H₉NO₂
Mol. WT : 115.13
Date of analysis : 23/04/25

Product code : 17520
Batch No. : MCR-33803
Mfd. : April 2025
Exp. : March 2030

S.R	Test	Specification	Observation
1	Description	White to almost white crystalline powder.	White crystalline powder.
2	Assay (HClO₄ titration)	99% min	99.91%
3	Specific rotation [α]²⁰_D (C=2,water)	-86 ⁰ to -84 ⁰	-84.99 ⁰
4	Loss on drying at 105⁰C	0.5% max.	0.47%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Shruti)**



[QC Incharge]



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

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