

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : L-PROLINE**

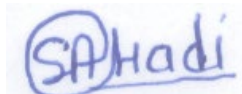
**CAS No : 147-85-3**  
**Mol. Formula : C<sub>5</sub>H<sub>9</sub>NO<sub>2</sub>**  
**Mol. WT : 115.13**  
**Date of analysis : 26/10/24**

**Product code : 17520**  
**Batch No. : MCR- 32269**  
**Mfd. : Oct. 2024**  
**Exp. : Sept. 2029**

S.R	Test	Specification	Observation
1	<b>Description</b>	White to almost white crystalline powder.	White crystalline powder.
2	<b>Assay (HClO<sub>4</sub> titration)</b>	99% min	99.10%
3	<b>Specific rotation [α]<sup>20</sup><sub>D</sub> (C=2,water)</b>	-86 <sup>0</sup> to -84 <sup>0</sup>	-84.17 <sup>0</sup>
4	<b>Loss on drying at 105<sup>0</sup>C</b>	0.5% max.	0.48%

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**



**CHEMIST  
(Sonu)**

**[QC Incharge]**



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

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