



## 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 : 17/04/22**

**Product code : 17520**  
**Batch No. : MCR-22509-01**  
**Mfd. : April 2022**  
**Exp. : March 2027**

S. R	Test	Specification	Observation
1	Description	White to almost white crystalline powder.	Almost white crystalline powder.
2	Assay (HClO <sub>4</sub> titration)	99% min	99.22%
3	Specific rotation [ $\alpha$ ] <sup>20</sup> <sub>D</sub> (C=2,water)	-86 <sup>0</sup> to -84 <sup>0</sup>	-84.99 <sup>0</sup>
4	Loss on drying at 105 <sup>0</sup> C	0.5% max.	0.22%

**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.

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