

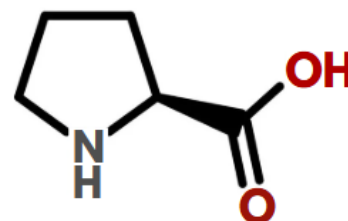


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Product Specification

L-PROLINE 99% FOR BIOCHEMISTRY

CAT. NO. : 035991
GRADE : LR
CAS NO. : 147-85-3
FORMULA : $\text{NH}\cdot\text{CH}_2\cdot\text{CH}_2\cdot\text{CH}\cdot\text{COOH}$
M.W. : 115.13



Minimum assay 99.0%

(Non-aq. on dried subs.)

Specific rotation α^{20}_{D} -85.5° to -84°

(C= 2 in water)

Maximum limits of impurities:

| | |
|-----------------------------|--------|
| Loss on drying at 120°C | 0.5% |
| Sulphated ash | 0.1% |
| Chloride (Cl) | 0.01% |
| Sulphate (SO ₄) | 0.01% |
| Ammonium (NH ₄) | 0.01% |
| Iron (Fe) | 0.001% |
| Lead (Pb) | 0.001% |

DATE: 01.07.2025

Remarks: The above-mentioned batch material is compliance with the standard specifications of High Purity Laboratory Chemicals Pvt. Ltd.



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