

Specification

Technical Data Sheet

CAS 147-85-3	STORAGE Ambient	MOLECULAR WEIGHT 115.13
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PRODUCT**L-Proline USP Grade**

Product number	90033788
CAS number	147-85-3
Molecular formula	C5H9NO2
Molecular weight	115.13 g/mol

PARAMETER	SPECIFICATION
Appearance	White crystals or crystalline powder
Assay	98.5 ~ 101.5%
Conclusion	This Batch Is Conforming With The Standard Of USP-NF2021.
Heavy metals	≤ 15ppm
Loss on Drying	≤0.4%
Specific rotation	-84.3° ~ 86.3°
Chloride (Cl-)	≤0.05%
Iron (Fe)	≤30ppm
Related Substances	Not more than 0.5% of any individual impurity is found ;
Residue on Ignition	≤0.4%
Total Impurities	Not more than 2.0% of total impurities is found
Ammonium (NH4)	≤ 0.02%
Sulphates (SO4)(2-)	≤0.03%

**SPECIFICATION
STATEMENT**

The values stated above represent the standard specification for this product, issued under **Molekula Ltd**'s quality management system. Batch-specific results are provided on the Certificate of Analysis.

STORAGE	Store as indicated on the product label, away from light, moisture and incompatible materials.
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Molekula Ltd would like to thank you for your support of our products and service.
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