

Specification

Technical Data Sheet

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

Product number	90033802
CAS number	147-85-3
Molecular formula	C ₅ H ₉ NO ₂
Molecular weight	115.13 g/mol

PARAMETER	SPECIFICATION
Appearance	white to off white crystalline powder
Assay	98-102% (dried basis)
Heavy metals	≤10ppm
Identification	The spectrum of the test sample corresponds to the spectrum of the reference standard
Loss on Drying	≤0.5%
Total impurity	≤1.0%
Water	≤0.4%
Individual impurity	≤0.2%
Optical Rotation	-86.3° - 84.3°
Residue on Ignition	≤0.2%

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.

Molekula Ltd would like to thank you for your support of our products and service.

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