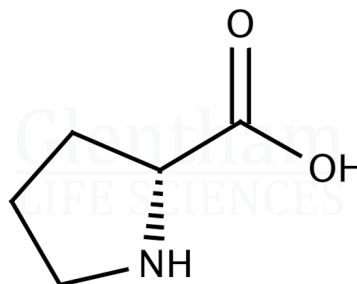


Certificate of Analysis

Product Name	D-Proline
Glenthams Code	GM9107
CAS Number	344-25-2
EINECS	206-452-7
MDL Number	MFCD00064317
PubChem SID	310279252
Batch Number	481JOA

Molecular Weight	115.13
Molecular Formula	C ₅ H ₉ NO ₂
Storage Temp.	+20°C



Property	Specification	Batch 481JOA
Physical Description	White to off-white powder	White powder
Assay	98.0 - 101.0 %	99.44%
Loss on Drying	≤ 0.5%	0.03%
Residue on Ignition	≤ 0.5%	0.09%
Chloride (Cl)	≤ 0.1%	Conforms
Arsenic (As)	≤ 2ppm	Conforms
Heavy Metals (as Pb)	≤ 10ppm	Conforms
Specific Optical Rotation ([α] _{20/D})	+82.5 - +86.5 ° (c=1 in H ₂ O)	+82.8 °

Specification Version	v1.0
Manufacture Date	2017-01-22
Re-Test Date	2025-11-01

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glenthams.com or contact us using the details above for the current version of this document.

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