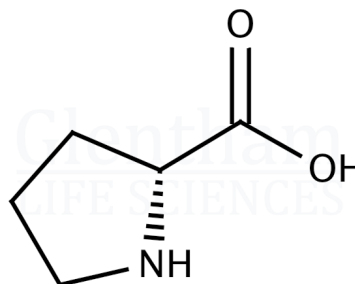


## Certificate of Analysis

Product Name	D-Proline
Glentham 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 <sub>5</sub> H <sub>9</sub> NO <sub>2</sub>
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] <sub>D</sub> 20/D)	+82.5 - +86.5 ° (c=1 in H <sub>2</sub> O)	+82.8 °

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

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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