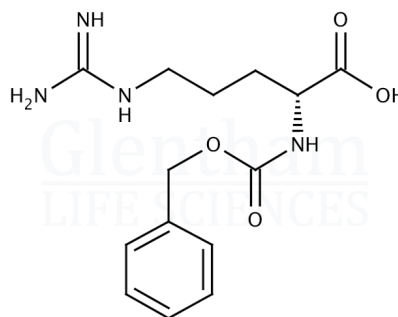


Certificate of Analysis

Product Name	Z-D-Arg-OH
Glentham Code	GM4955
CAS Number	6382-93-0
PubChem SID	310281822
Batch Number	790JGD

Molecular Weight	308.33
Molecular Formula	C ₁₄ H ₂₀ N ₄ O ₄
Storage Temp.	+20°C



Property	Specification	Batch 790JGD
Physical Description	White powder	White powder
Melting Point	170 - 180 °C	171 - 173 °C
Specific Optical Rotation ([α] _D ²⁰)	+7.0 - +11.0 ° (c=1, 1M HCl)	+9.3°
Loss on Drying	≤ 1.0%	0.06%
Assay (HPLC)	≥ 98.0%	98.99%

Specification Version	v1.0
Manufacture Date	2016-04-11
Re-Test Date	2027-05-16

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 or contact us using the details above for the current version of this document.

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