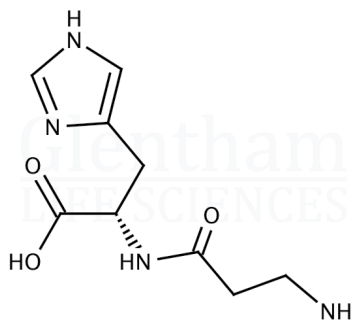


## Product Specification

Product Name	L-Carnosine
Glentham Code	GE5095
CAS Number	305-84-0
EINECS	206-169-9
MDL Number	MFCD00005207
PubChem SID	310269400
Molecular Weight	226.23
Molecular Formula	C9H14N4O3
Storage Temp.	-20°C



Property	Specification
Physical Description	White to almost white powder
pH (2% in water)	7.5 - 8.5
Impurities	beta-Alanine: ≤ 0.1% L-Histidine: ≤ 1.0%
Loss on Drying	≤ 1.0%
Melting Point	250.0 - 265.0 °C
Heavy Metals	≤ 10ppm
Residue on Ignition	≤ 0.1%
Specific Optical Rotation	20 - 22 ° (c=2, H2O)
Assay	99.0 - 101.0 %
Specification Version	- v1.0
Date Created	- 2014-12-09

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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