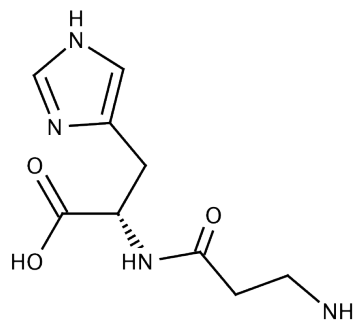


Product Specification

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, H ₂ O)
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 or contact us using the details above for the current version of this document.

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