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## **Product Specification**

**Product Name** L-Carnosine Glentham Code GE5095 **CAS Number** 305-84-0 **EINECS** 206-169-9 MDL Number MFCD00005207 PubChem SID 310269400 226.23 Molecular Weight Molecular Formula  $C_9H_{14}N_4O_3$ -20°C Storage Temp.

Property Specification Physical Description White to almost white powder Identification (IR) To conform to standard Solubility (2% in water) Clear very faintly turbid, colourless to very faint yellow solution pH (2% in water) Specific Optical Rotation ([α]20/D) +20.0 - +22.0 ° (c=2, water) Melting Point 250.0 - 265.0 °C **Impurities** beta-Alanine: ≤ 0.1% L-Histidine: ≤ 1.0% Heavy Metals ≤ 10ppm Residue on Ignition ≤ 0.1% ≤ 1.0% Loss on Drying Assay 99.0 - 101.0 %

Specification Version - v1.1

Date Created - 2023-11-10

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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