

## Product Datasheet

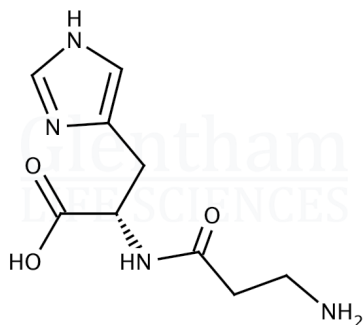
### GE5095 - L-Carnosine

#### Product Details

Product Name	L-Carnosine
Glenthams Code	GE5095
CAS Number	305-84-0
EINECS	206-169-9
MDL Number	MFCD00005207
PubChem SID	310269400
Related Categories	Amino Acids, Biochemicals, Phytochemicals

#### Structure

Molecular Weight	: 226.23
Molecular Formula	: C <sub>9</sub> H <sub>14</sub> N <sub>4</sub> O <sub>3</sub>



#### Storage

Recommended storage temperature: -20°C.

#### Hazards and Transport

Not classified as hazardous under CLP.  
Not classified as dangerous for transport.

#### Glenthams Product 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)	: 7.5 - 8.5
Specific Optical Rotation ([α] <sub>20</sub> /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%
Loss on Drying	: ≤ 1.0%
Assay	: 99.0 - 101.0 %
Version	: v1.1

#### About L-Carnosine

No further details on record.

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