

## Product Datasheet

### GE5095 - L-Carnosine

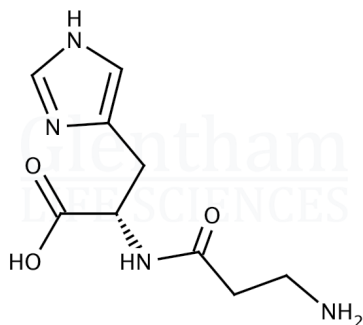
#### Product Details

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

Physical Description	: White to almost white powder
pH (2% in water)	: 7.5 - 8.5
Impurities	: beta-Alanine: $\leq 0.1\%$ L-Histidine: $\leq 1.0\%$
Loss on Drying	: $\leq 1.0\%$
Melting Point	: 250.0 - 265.0 °C
Heavy Metals	: $\leq 10\text{ppm}$
Residue on Ignition	: $\leq 0.1\%$
Specific Optical Rotation	: 20 - 22 ° (c=2, H <sub>2</sub> O)
Assay	: 99.0 - 101.0 %
Version	: v1.0

#### Structure

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



#### About L-Carnosine

No further details on record.

#### Storage

Recommended storage temperature: -20°C.

#### Hazards and Transport

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

#### Glentham Product Specification

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