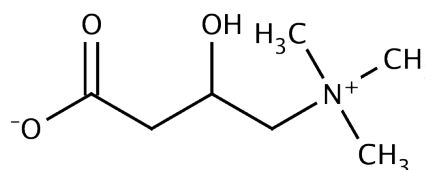


## Product Specification

Product Name	L-Carnitine
Glentham Code	GV3498
CAS Number	541-15-1
EINECS	208-768-0
MDL Number	MFCD00038747
PubChem SID	310269393
Molecular Weight	161.20
Molecular Formula	C <sub>7</sub> H <sub>15</sub> NO <sub>3</sub>
Storage Temp.	+20°C



Property	Specification
Physical Description	White crystalline powder
Identification	According to USP
pH (5% in water)	5.5 - 9.5
Specific Optical Rotation	-29.0 - -32.0 ° (10% in water)
Chloride (Cl)	≤ 0.4%
Potassium (K)	≤ 0.2%
Sodium (Na)	≤ 0.1%
Heavy Metals	≤ 20ppm
Residue on Ignition	≤ 0.5%
Water	≤ 4.0%
Assay	97.0 - 103.0 % (anhydrous basis)
Pharmacopoeia Specification(s)	USP

Specification Version	-	v1.0
Date Created	-	2015-12-03

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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