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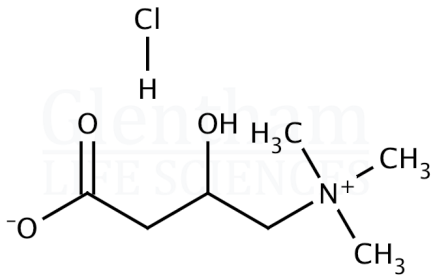
Product Specification

Product Name	L-Carnitine hydrochloride
Glentham Code	GM4580
CAS Number	6645-46-1
EINECS	229-663-6
MDL-Nummer	MFCD00066100
PubChem SID	310269396
Molecular Weight	197.66
Molecular Formula	$C_7H_{15}NO_3 \cdot HCl$
Storage Temp.	+20°C



Property	Specification
Physical Description	White powder
Identification (IR)	To conform to standard
Solubility (5% in water)	Clear, colourless solution
Specific Optical Rotation	-21.0 - -25.0 ° (c=1, water)
Chloride (Cl)	17.0 - 18.5 %
Residue on Ignition	≤ 0.5%
Arsenic (As)	≤ 1ppm
Lead (Pb)	≤ 3ppm
Cadmium (Cd)	≤ 1ppm
Mercury (Hg)	≤ 0.1ppm
Heavy Metals	≤ 10ppm
D-Carnitine	≤ 0.1%
Loss on Drying	≤ 2.0%
Assay	98.0 - 102.0 % (dried basis)

Specification Version	-	v1.1
Date Created	-	2024-04-09

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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