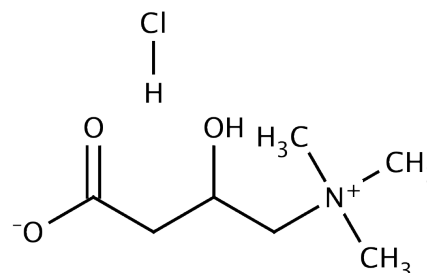


Product Specification

Product Name : L-Carnitine hydrochloride
Glentham Code : GM4580
CAS Number : 6645-46-1
EINECS : 229-663-6
MDL Number : MFCD00066100
PubChem SID : 310269396

Molecular Weight : 197.66
Molecular Formula : C₇H₁₅NO₃ · HCl
Storage Temp. : +20°C



Property	Specification
Physical Description	White powder
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 : v1.0
Date Created : 2018-06-15

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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