

Product Datasheet

GM4580 - L-Carnitine hydrochloride

Precautionary Codes

P302+P350, P280, P261,
P305+P351+P338

Product Details

Product Name	L-Carnitine hydrochloride
Glenthams Code	GM4580
CAS Number	6645-46-1
EINECS	229-663-6
MDL Number	MFCD00066100
PubChem SID	310269396
Related Categories	Amino Acid Derivatives, Biochemicals, Vitamins, Phytochemicals, Cosmetic Raw Materials

Pictograms

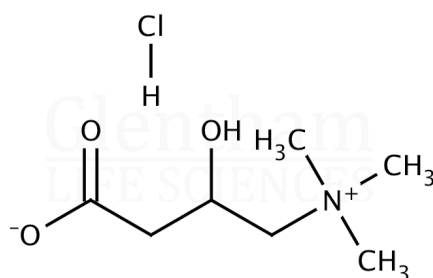


Glenthams Product Specification

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)
Identification (IR)	: To conform to standard
Version	: v1.1

Structure

Molecular Weight	: 197.66
Molecular Formula	: C ₇ H ₁₅ NO ₃ · HCl



About L-Carnitine hydrochloride

No further details on record.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as dangerous for transport.

CLP Classification Skin Irr. 2, STOT SE 3,
STOT SE 3, Eye Irr. 2A

Signal Word Warning

Hazard Codes H315, H336, H335, H319

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