

Product Datasheet

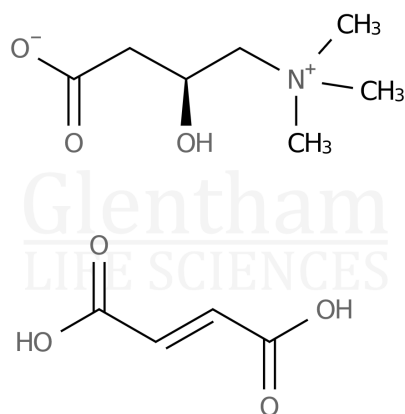
GX6145 - L-Carnitine fumarate

Product Details

Product Name	L-Carnitine fumarate
Glenthams Code	GX6145
CAS Number	90471-79-7
EINECS	291-749-4
MDL Number	MFCD01631178
Additional CAS	541-15-1
Related Categories	Amino Acid Derivatives

Structure

Molecular Weight	: 277.27
Molecular Formula	: $C_{7}H_{15}NO_3 \cdot C_4H_4O_4$



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

Precautionary Codes

P280, P261, P305+P351+P338

Pictograms



Glenthams Product Specification

Physical Description	: White crystalline powder
Solubility (5% in water)	: Clear, colourless solution
pH	: 3.0 - 4.0
Specific Optical Rotation	: -18.5 - -16.5 °
Residue on Ignition	: ≤ 0.5%
Heavy Metals	: ≤ 10ppm
Cadmium (Cd)	: ≤ 1ppm
Lead (Pb)	: ≤ 3ppm
Mercury (Hg)	: ≤ 0.1ppm
Arsenic (As)	: ≤ 1ppm
Water	: ≤ 1.0%
D-Enantiomer	: ≤ 1.0%
L-Carnitine Content	: 56.5 - 60.5 %
Assay	: 97.5 - 102.5 % (L-Carnitine + Fumaric acid, dried basis)
Version	: v1.0

About L-Carnitine fumarate

No further details on record.

This document was generated electronically and is therefore valid without signature. © Glenthams Life Sciences Ltd, 2025