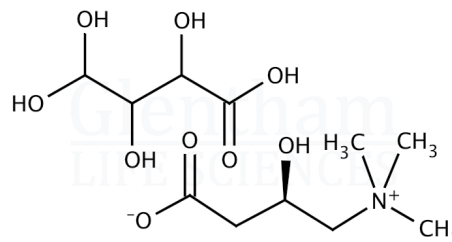


## Certificate of Analysis

Product Name	L-Carnitine tartrate
Glentham Code	GM4342
CAS Number	36687-82-8
MDL Number	MFCD04974128
PubChem SID	310269398
Batch Number	368UBJ
Molecular Weight	236.24
Molecular Formula	$C_{15}H_{27}NO_7 \cdot 0.5(C_4H_6O_6)$
Storage Temp.	+20°C



Property	Specification	Batch 368UBJ
Physical Description	White or almost white crystalline powder	White crystalline powder
Solubility (5% in water)	Clear, colourless solution	Conforms
pH	3.0 - 5.0	3.7
Residue on Ignition	≤ 0.5%	0.07%
Heavy Metals (as Pb)	≤ 10ppm	Conforms
D-Carnitine	≤ 0.1%	Not detected
Loss on Drying	≤ 1.0%	0.28%
Assay	98.0 - 102.0 % (dried substance)	99.8%

Specification Version	v1.0
Manufacture Date	2017-07-03
Re-Test Date	2028-05-10

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.

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