

Client: NextgenPeps
 support@nextgenpeps.com
 nextgenpeps.com

 Sample received: **04/10/26**
 Analysis conducted: **05/07/26**

Compound:	L-Carnitine	CAS:	541-15-1
Batch/Lot #:	N/A	Formula:	C7H15NO3
Appearance:	Colorless liquid solution	Mol Wt:	161.199 g/mol

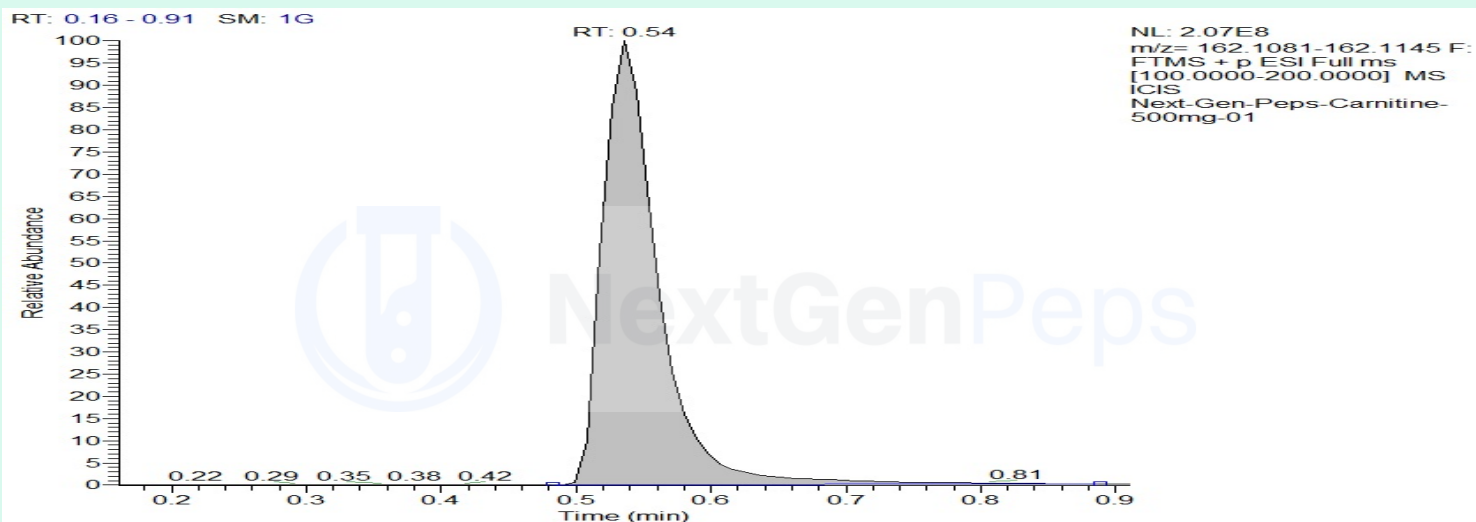
Method: Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

Pubchem CID: 288

L-Carnitine | C7H15NO3 | CID 288

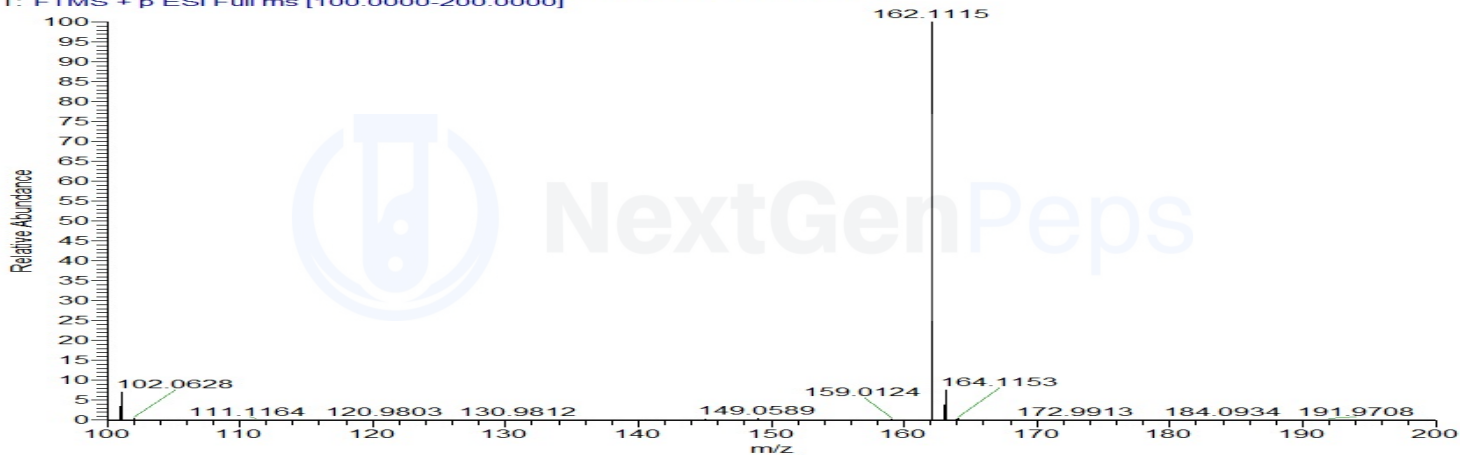
	Specification	Result	
Identity Test:	L-Carnitine	L-Carnitine	Conforms
Quantity:	500 mg ± 15%	585 mg	Does not Conform
Purity:	>99%	99.47%	Conforms

LC-MS Chromatogram: Retention Time and Peak Analysis

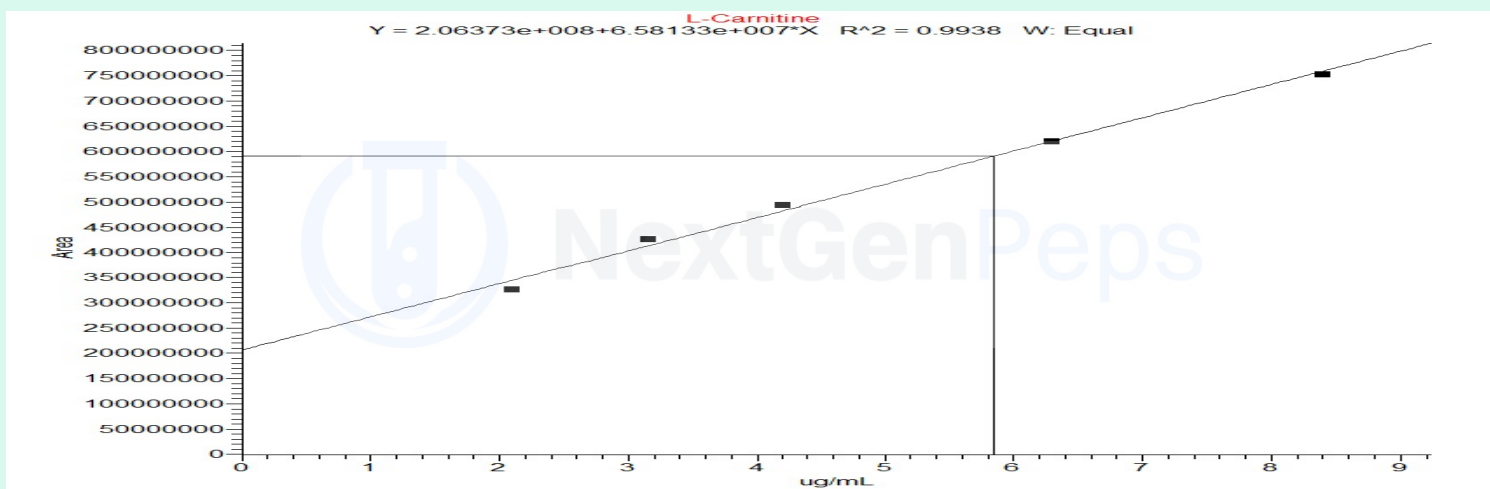


Full Scan Mass Spectrometry Analysis

Next-Gen-Peps-Carnitine-500mg-01 #60 RT: 0.54 AV: 1 NL: 1.96E8
T: FTMS + p ESI Full ms [100.0000-200.0000]



Calibration Curve



Analysis Performed by

Dr. Roberto Marin
Analytical Chemist
contact@bioregen.com

COA #13068
Security Key **NEXTPEPS0**
bioregen.com/verify

Roberto Marin

