

Lot Number: **VRL-2431473**
 Brand / Distributed by: **Value Research Labs**
 Identity: **www.valueresearchlabs.com**

Analysis Date: **08/06/2026**
 Searchable via: **horizonanalytical.com**

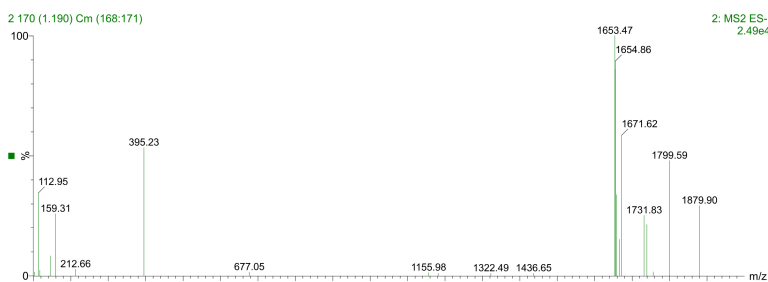
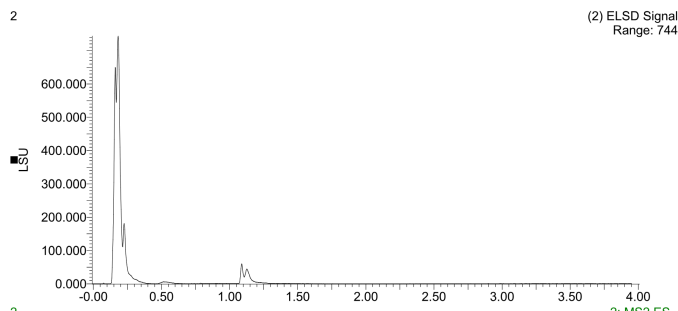
Compound:	L-Carnitine
Report Number:	1022135
Appearance:	Blue Lyophilized Powder

CAS:	541-15-1
Formula:	C ₇ H ₁₅ NO ₃
Mol Weight:	161.20 g/mol

Pubchem CID: 10917

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

	Specification	Result	Scan to Validate:
Compound Test:	L-Carnitine	L-Carnitine	
Quantity:	40mg	39.85mg	
Purity:	≥ 98%	99.25%	



Aleksey Yevtodiyenko PhD
Research and Formulation Chemist

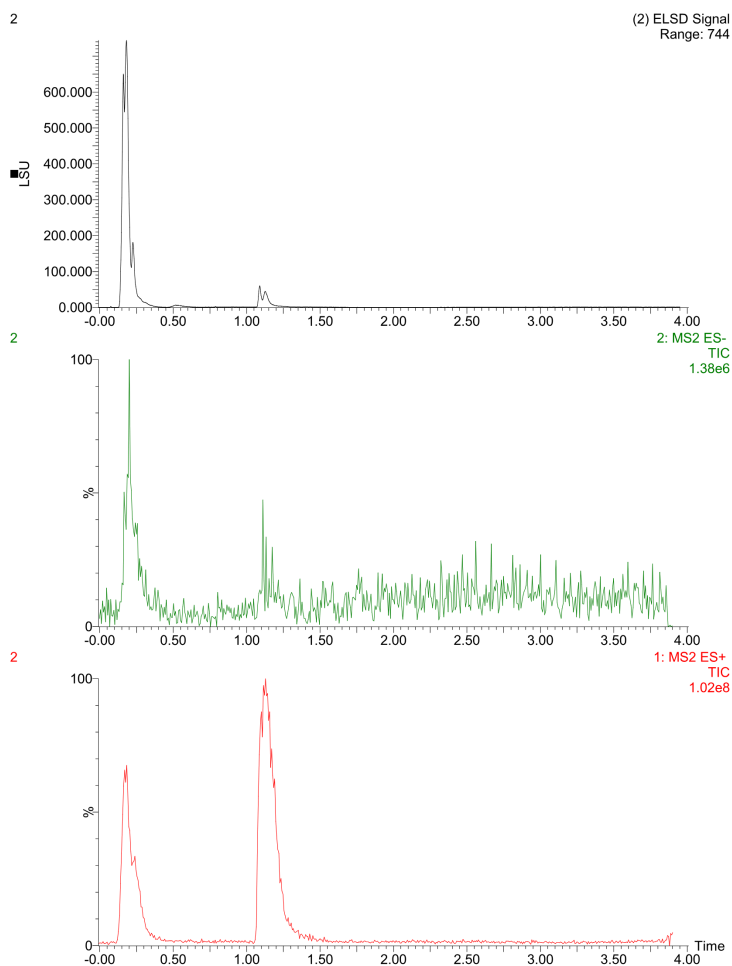


This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

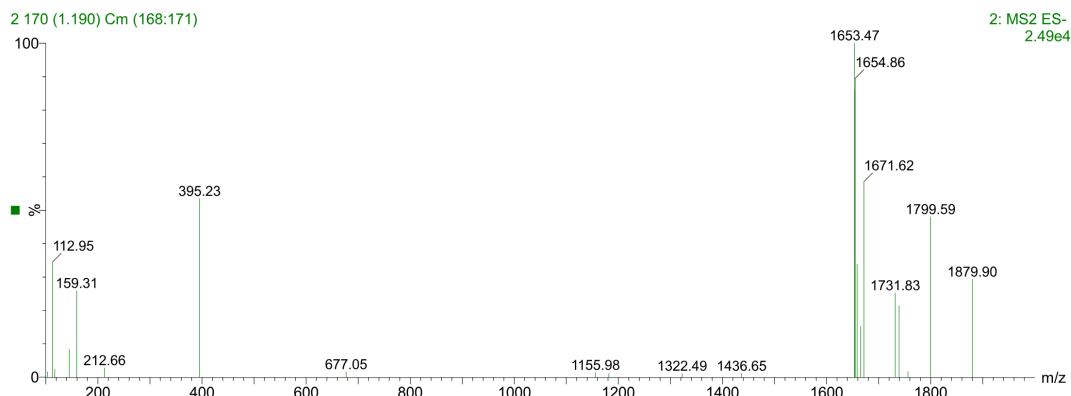
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L-Carnitine (40mg) • Pubchem CID: 10917
 Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)



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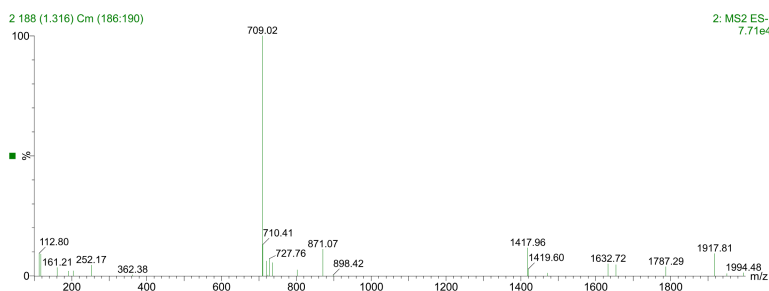
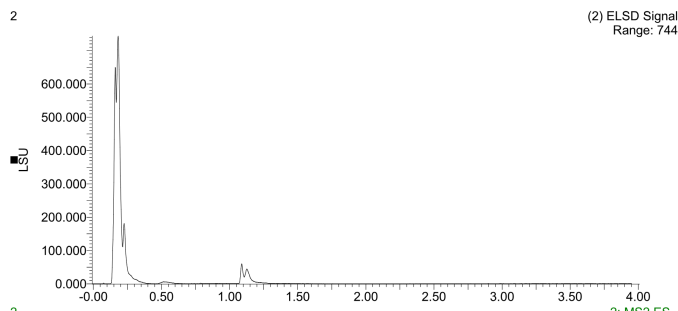
Compound:	L-Methionine
Report Number:	1022135
Appearance:	Blue Lyophilized Powder

CAS:	63-68-3
Formula:	C ₅ H ₁₁ NO ₂ S
Mol Weight:	149.21 g/mol

Pubchem CID: 6137

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

	Specification	Result	Scan to Validate:
Compound Test:	L-Methionine	L-Methionine	
Quantity:	15mg	14.85mg	
Purity:	≥ 98%	99.16%	



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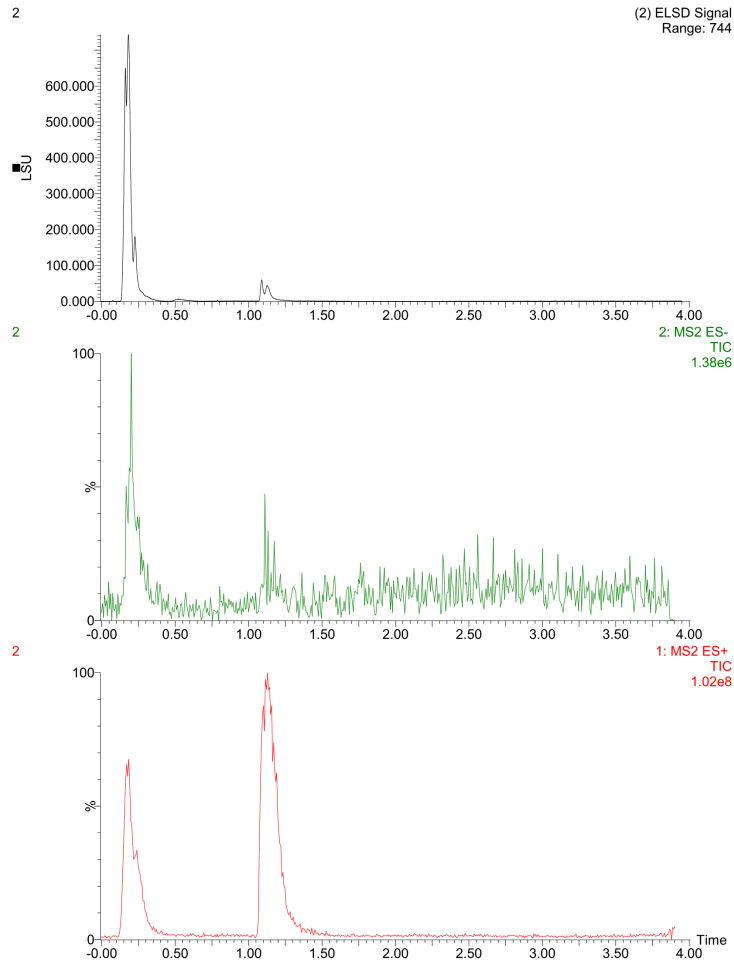


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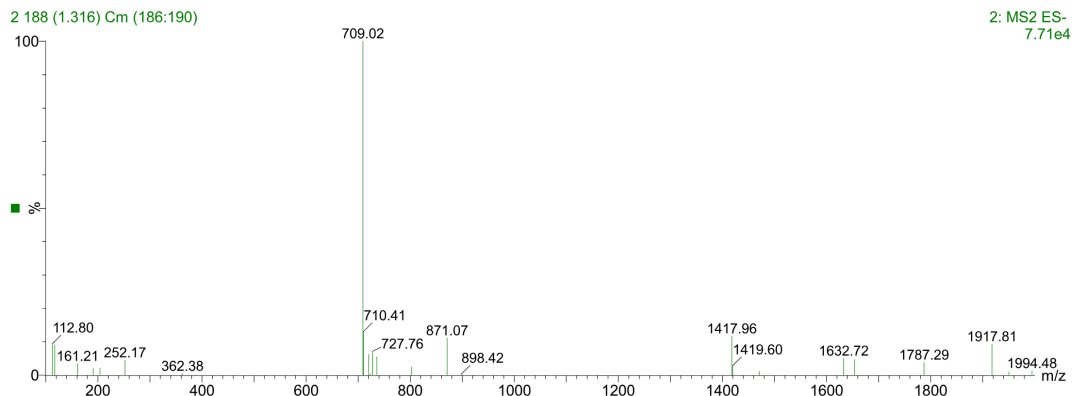
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L-Methionine (15mg) • Pubchem CID: 6137
 Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)



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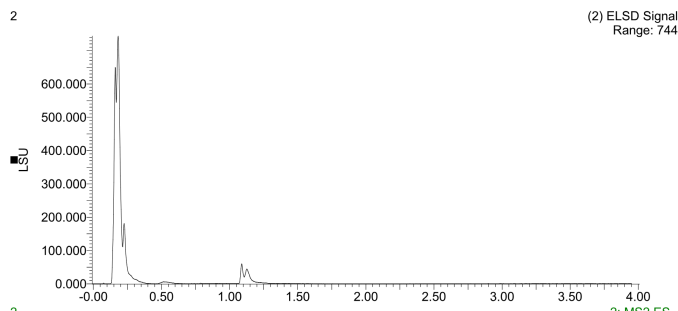
Compound:	Choline chloride
Report Number:	1022135
Appearance:	White Lyophilized Powder

CAS:	67-48-1
Formula:	C ₅ H ₁₄ ClNO
Mol Weight:	139.62 g/mol

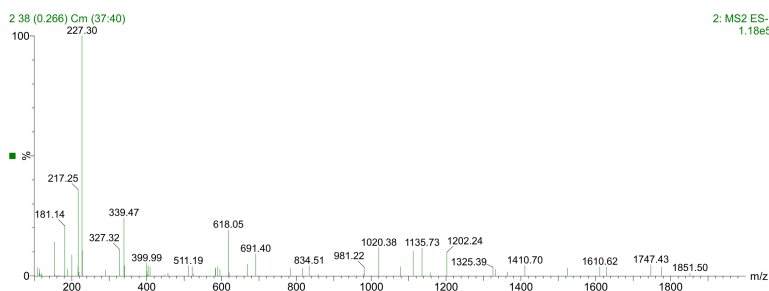
Pubchem CID: 6209

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

	Specification	Result	Scan to Validate:
Compound Test:	Choline chloride	Choline chloride	
Quantity:	40mg	40.8mg	
Purity:	≥98%	99.56%	



UPLC



MS

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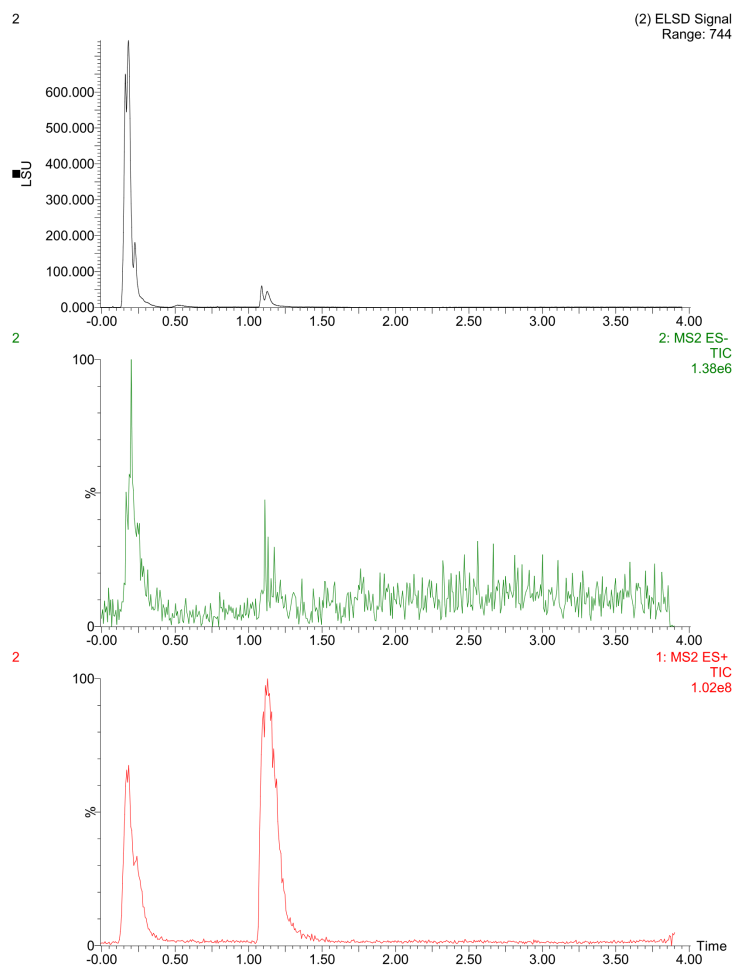


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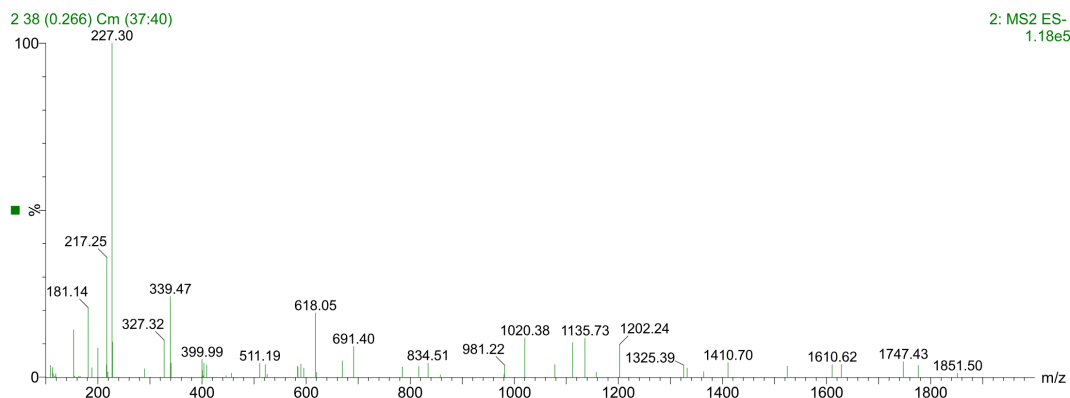
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Choline chloride (40mg) • Pubchem CID: 6209
 Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)



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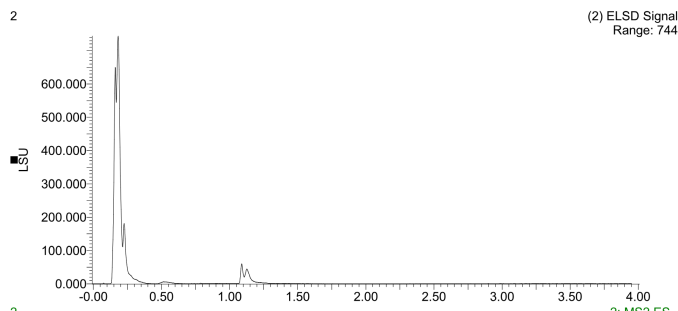
Compound:	Dexpanthenol
Report Number:	1022135
Appearance:	White Lyophilized Powder

CAS:	81-13-0
Formula:	C ₉ H ₁₉ NO ₄
Mol Weight:	205.25 g/mol

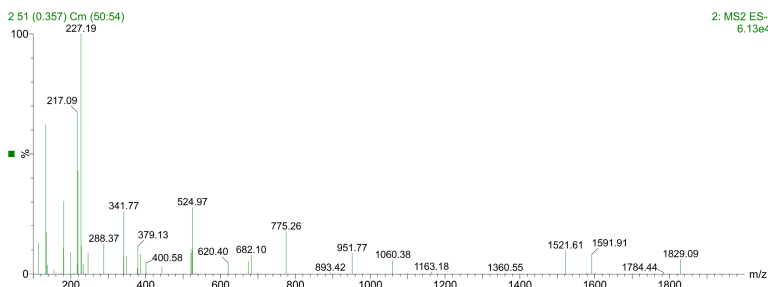
Pubchem CID: 131204

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

	Specification	Result	Scan to Validate:
Compound Test:	Dexpanthenol	Dexpanthenol	
Quantity:	5mg	4.85mg	
Purity:	≥ 98%	99.21%	



UPLC



MS

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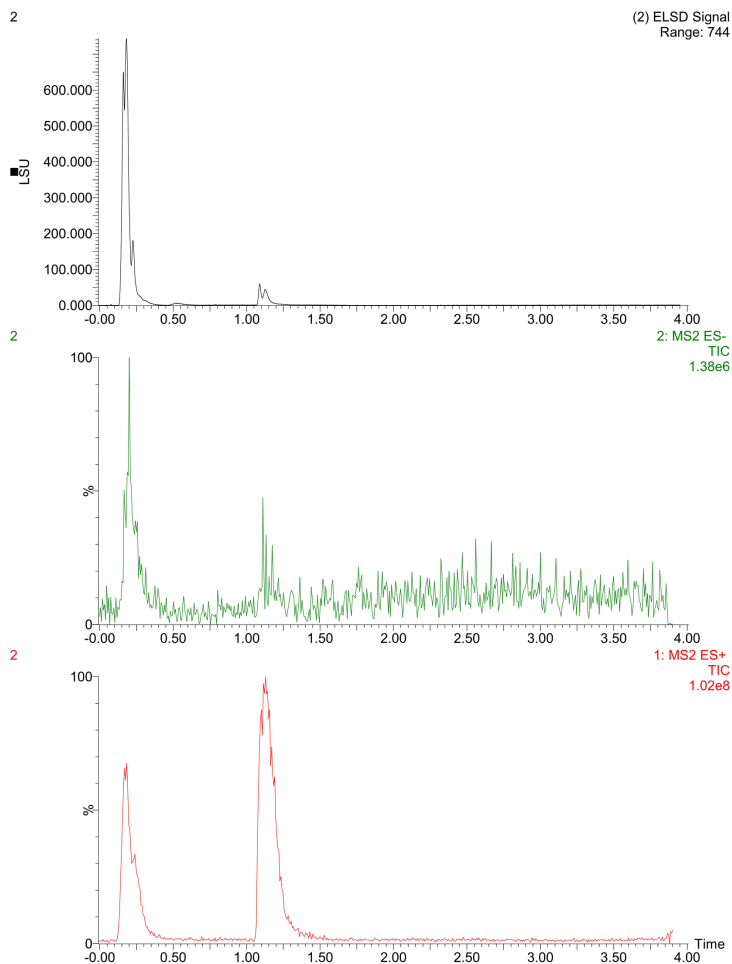


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Dexpanthenol (5mg) • Pubchem CID: 131204
 Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)

