MZ Biolabs
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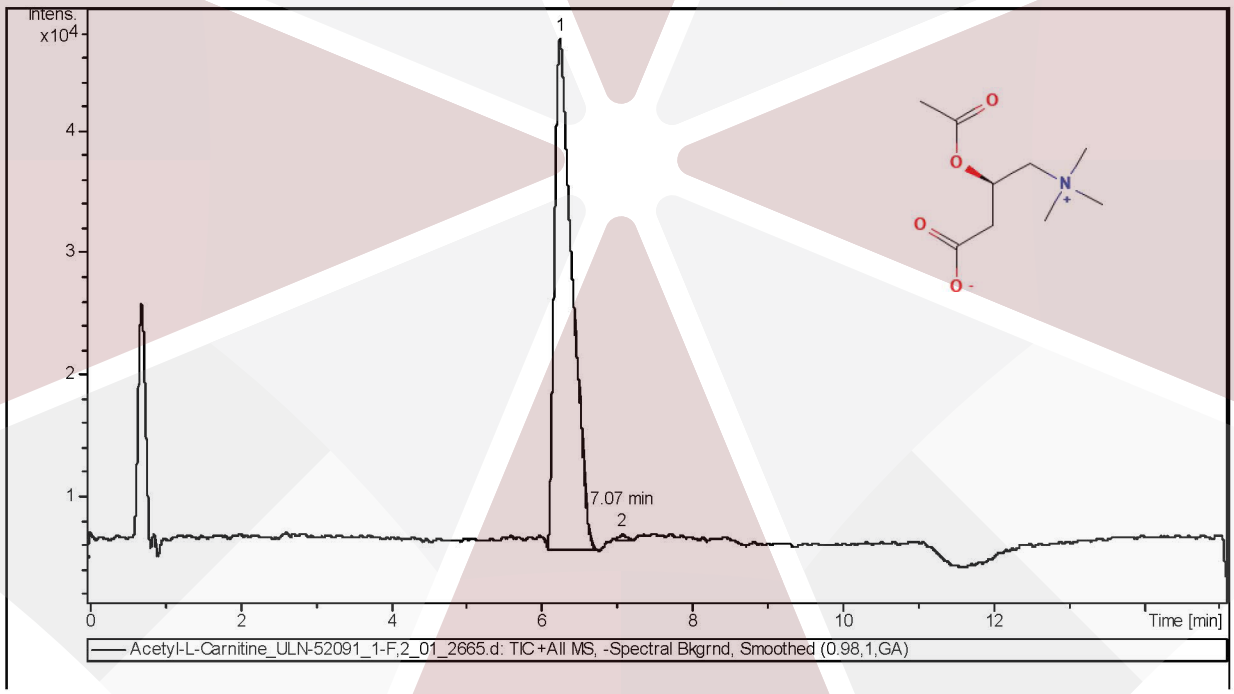
Certificate of Analysis

Acetyl-L-Carnitine

(3R)-3-acetyloxy-4-(trimethylazaniumyl)butanoate

Compound	: **Acetyl-L-Carnitine**	**Client :**	**UMBRELLA.us**
Lot number	: **ULN-52091**		**3280 E Hemisphere Loop**
Analysis date	: **2023-04-24**		**Tucson, Arizona 85706**
Purity %	: **99.6%**		
Method	: **Mass Spectrometry & UV**		

PubChem CID: 7045767
https://pubchem.ncbi.nlm.nih.gov/compound/7045767



PEAK LIST — Number of detected peaks: 2

Time (min)	Area	%Area	
6.24	**6.84E+05**	**99.6**	**Acetyl-L-Carnitine**
7.07	2.62E+03	0.4	

Purity determined using UV detection
Peak identity confirmed by mass spectrum evaluation
Expected mass: 203.1 g
Measured mass: 203.1 g
Molecular weight confirmed

Analysis Performed by
Ken Pendarvis, ChE
Analytical Chemist
MZ Biolabs
contact@mzbiolabs.com

2023-04-24