

Certificate of Analysis

alpha Glycerophosphocholine

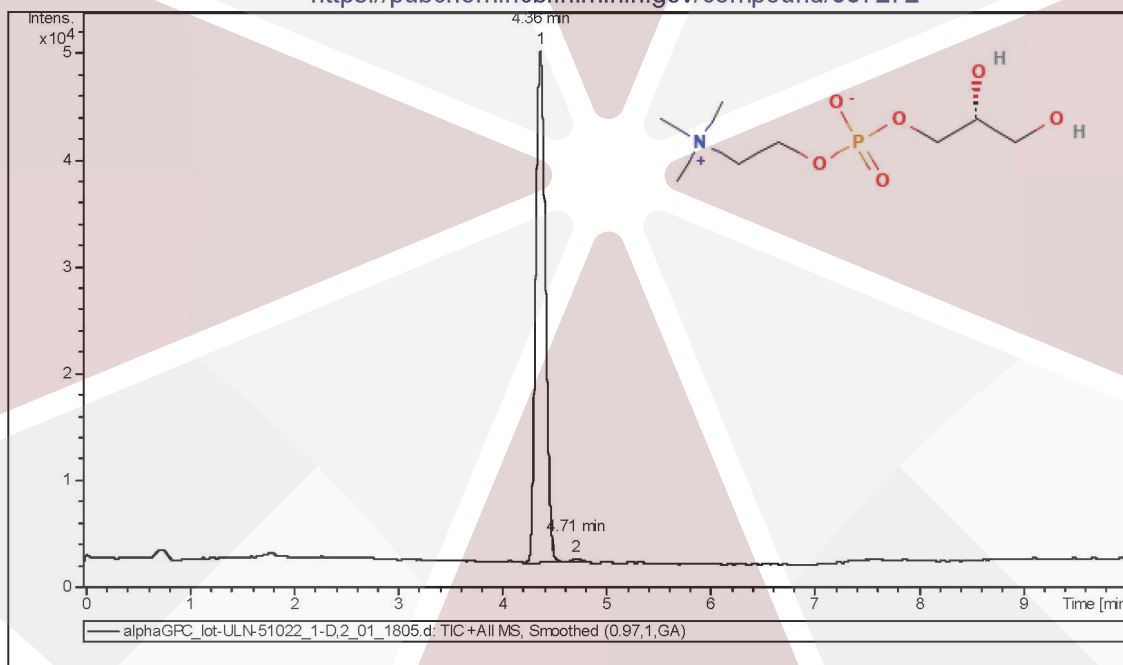
Choline Alfoscerate

Compound : αGPC
Lot number : ULN-51022
Analysis date : 2023-01-20
Purity % : 99.3%
Method : Mass Spectrometry

Client : UMBRELLA.us
 3280 E Hemisphere Loop
 Tucson, Arizona 85706

PubChem CID: 657272

<https://pubchem.ncbi.nlm.nih.gov/compound/657272>



PEAK LIST	Number of detected peaks: 2		
Time (min)	Area	%Area	
4.36	3.10E+05	99.3	αGPC
4.71	2.21E+03	0.7	

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

Purity determined using LC-MS
 Peak identity confirmed by mass spectrum evaluation
 Expected mass : 257.1 g
 Measured mass : 257.1 g
 Molecular weight confirmed



2023-01-20