

Certificate of Analysis

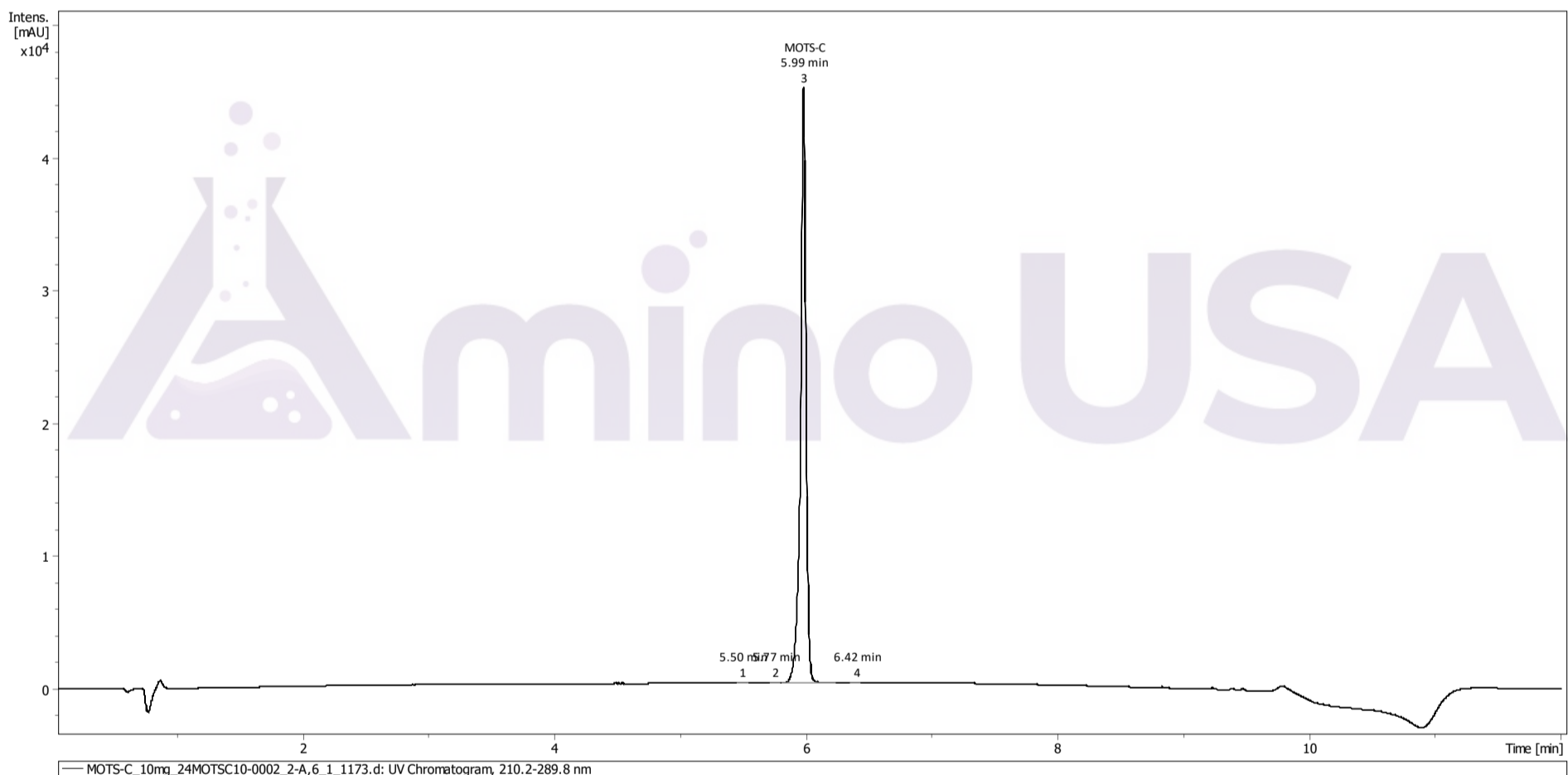
MOTS-C 10 mg

Met-Arg-Trp-Gln-Glu-Met-Gly-Tyr-Ile-Phe-Tyr-Pro-Arg-Lys-Leu-Arg

Compound	: MOTS-C	Client	: Amino USA
Lot number	: 24MOTSC10-0002		: www.aminousa.com
Analysis date	: 2024-03-16		
Purity %	: 99.87%		
Method	: HPLC-UV-MS		

PubChem CID: 146675088

<https://pubchem.ncbi.nlm.nih.gov/compound/146675088>




PEAK LIST		Number of detected peaks: 4		
	Time (min)	Area	%Area	
1	5.50	4.88E+01	0.04	
2	5.77	4.10E+01	0.03	
3	5.99	1.35E+05	99.87	MOTS-C
4	6.42	8.12E+01	0.06	

Analysis Performed by
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 Analytical Chemist
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Purity determined using HPLC-UV
 Peak identity confirmed by mass spectrum evaluation
 Expected mass : 2173.11 g
 Measured mass : 2173.10 g
 Molecular weight confirmed

Note: Injectable peptides may contain salts and sugars to aid in solubility and act as pH buffers.
 These are not normally detected using UV and are not considered impurities.



2024-03-18