



Certificate of Analysis

MOTS-C 10mg

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

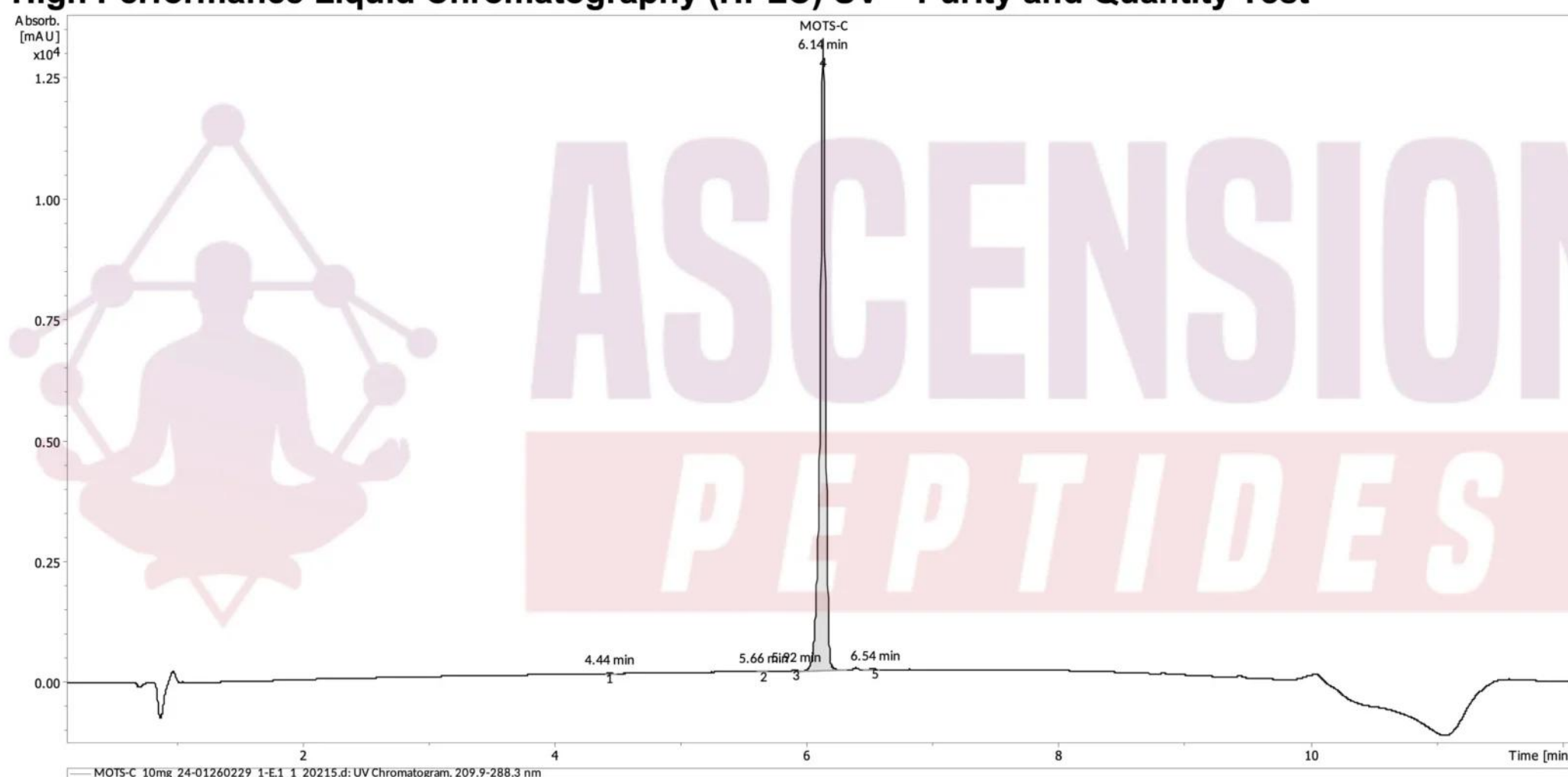
Compound : MOTS-C
Lot number : 24-01260229
Analysis date : 2026-02-24
Purity % : 99.71%
Quantity : 9.42 mg
Method : HPLC-UV-MS

Client : Ascension Peptides
www.ascensionpeptides.com

PubChem CID: 146675088

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

High Performance Liquid Chromatography (HPLC) UV – Purity and Quantity Test



PEAK LIST				Number of detected peaks: 5
	Time (min)	Area	%Area	
1	4.44	3.44E+01	0.09	MOTS-C
2	5.66	2.65E+01	0.07	
3	5.92	9.67E+00	0.02	
4	6.14	4.01E+04	99.71	
5	6.54	4.71E+01	0.12	

Quantification by HPLC-UV

Measured quantity : 9.42 mg/vial

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.

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



2026-03-05