MZ Biolabs
1635 E 18th St
Tucson, AZ 85719
contact@mzbiolabs.com
www.mzbiolabs.com

Certificate of Analysis

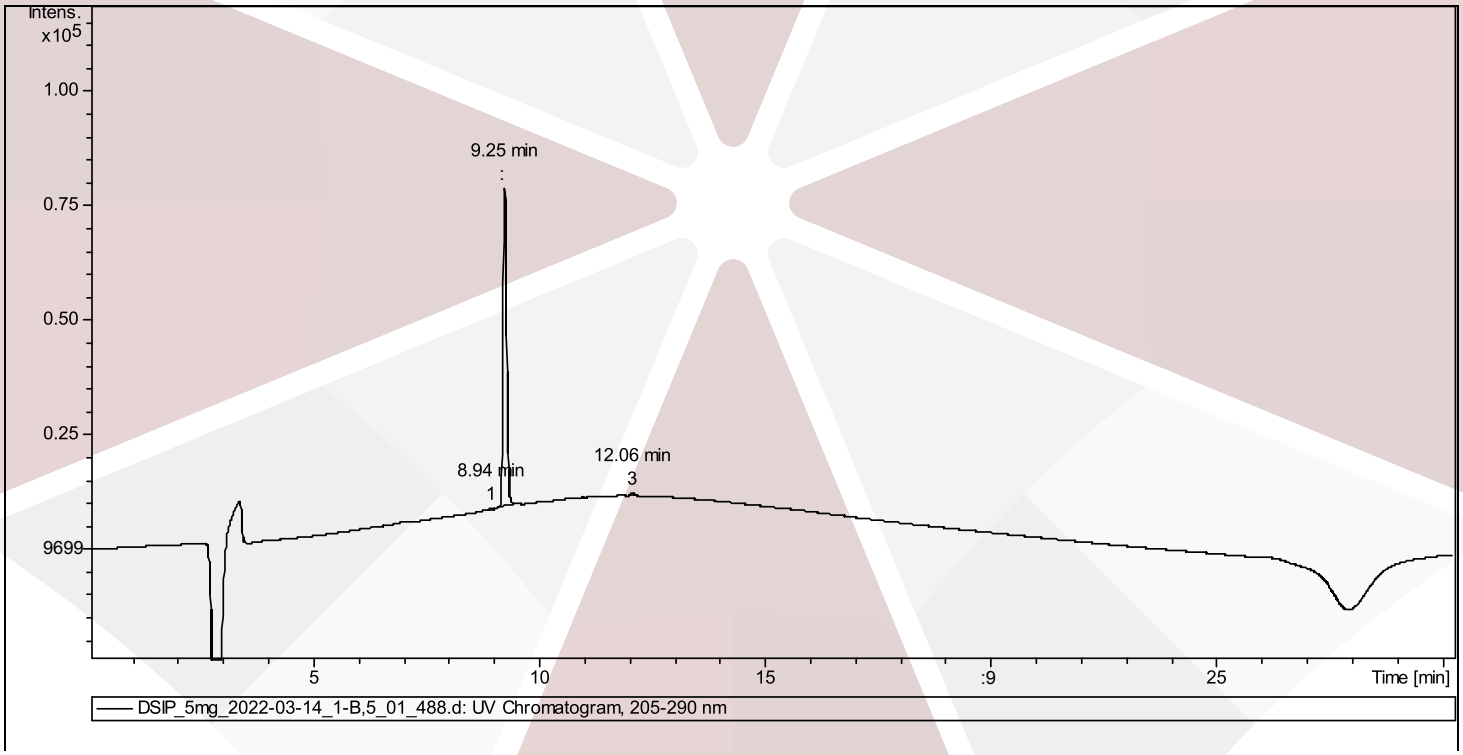
DSIP (delta-sleep inducing peptide) 5 mg

TRP-ALA-GLY-GLY-ASP-ALA-SER-GLY-GLU

Compound	: **DSIP**	
Lot number	: **UL-21101**	
Analysis date	: **2022-03-16**	
Purity %	: **99.0%**	
Method	: **Mass Spectrometry and UV**	

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

PubChem CID: 68816
https://pubchem.ncbi.nlm.nih.gov/compound/68816



PEAK LIST — Number of detected peaks: 3

Time (min)	Area	%Area	
8.94	1.59E+03	967	
9.25	**3.94E+05**	**99.0**	**DSIP**
12.06	3.06E+03	0.8	

Peak purity confirmed using UV detection
Peak identity confirmed by mass spectrum evaluation
Expected mass : 848.33 g
Measured mass : 848.33 g
Molecular weight confirmed

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

2022-03-22