

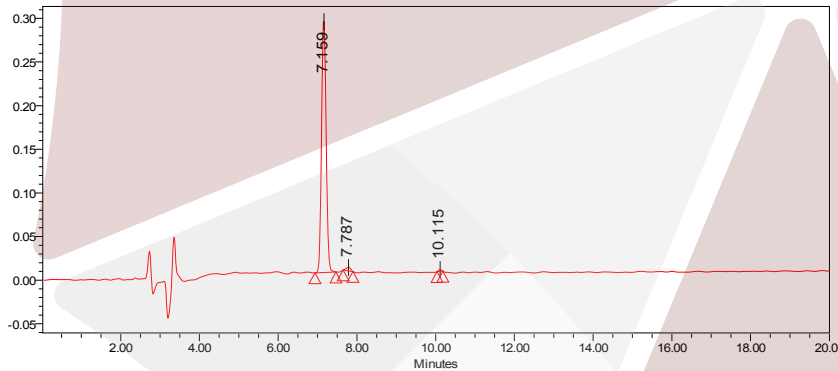
# Certificate of Analysis

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

<b>Product name</b>	<b>Peptide 6c</b>
<b>Sequence</b>	Ac-DGGL-NH2
<b>Molecular Formula</b>	C <sub>16</sub> H <sub>27</sub> N <sub>5</sub> O <sub>7</sub>
<b>Molecular Weight</b>	401.41
<b>Batch No.</b>	UL-39000
<b>Quantity</b>	1.0g
<b>Manufacturing Date</b>	June.17, 2021
<b>Expiry Date</b>	June.16, 2023
<b>Store at</b>	Keep in dark and cool dry place

The product is for research or production use only, not for direct human use.

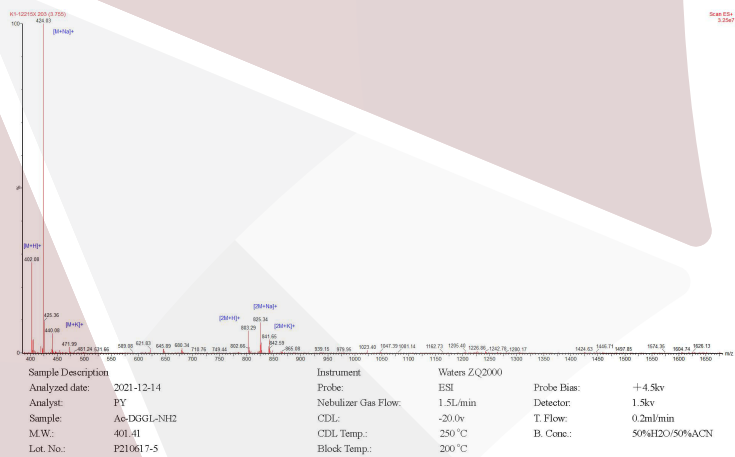
Auto-Scaled Chromatogram



Processed Channel: 2487Channel 1

Processed Channel	Retention Time (min)	Area	% Area	Height
1 2487Channel 1	7.159	2351330	98.16	289610
2 2487Channel 1	7.787	33355	1.39	3906
3 2487Channel 1	10.115	10821	0.45	1995

MASS SPECTROMETRY REPORT



Sample Description: Waters ZQ2000  
 Analyzed date: 2021-12-14  
 Instrument: ESI  
 Analyst: PY  
 Nebulizer Gas Flow: 1.5L/min  
 Sample: Ac-DGGL-NH2  
 CDL: -20.0v  
 M.W.: 401.41  
 CDL Temp.: 250 °C  
 Lot No.: P21061-7-5  
 Block Temp.: 200 °C  
 Probe Bias: +4.5kv  
 Detector: 1.5kv  
 T. Flow: 0.2m/min  
 B. Conc.: 50%H2O/50%ACN

Items	Standards	Results
Appearance	White to off-white powder	Complies
Identity by MS	Theoretical MW: 401.41	Complies
Purity (HPLC)	Not less than 98.0%	98.16%
Conclusion	Conforms to standard	Complies