

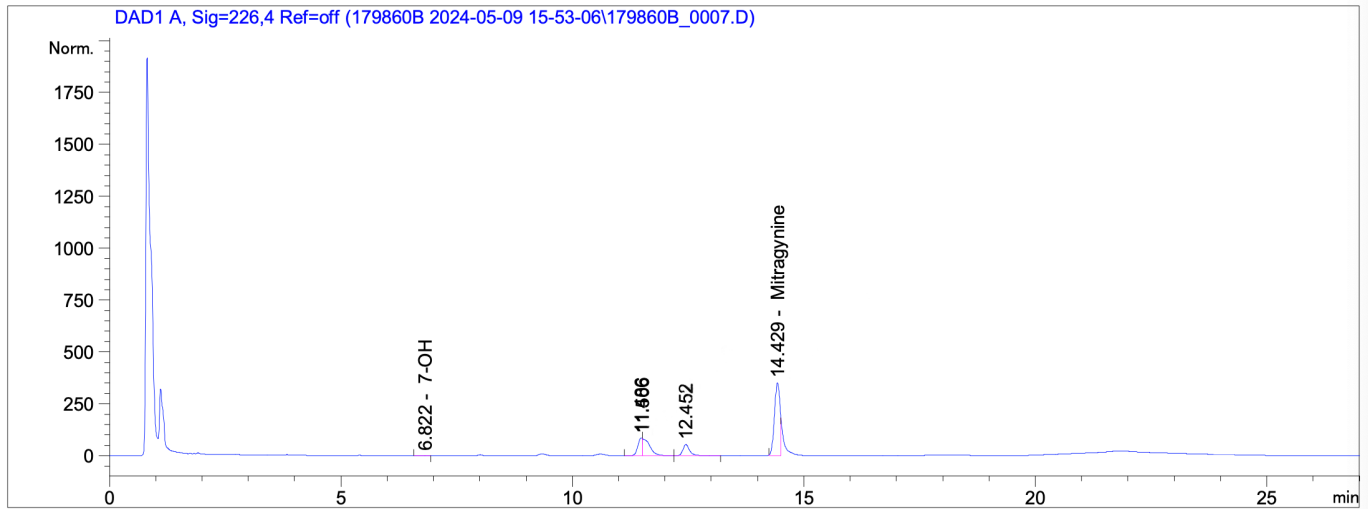


# Certificate of Analysis

10 MAY 2024  
VIETNAM CAPS / MIT / 100116



<b>CLIENT:</b>	<b>MODUS ENTERPRISES</b>	<b>SAMPLE SET:</b>	<b>179860</b>
Sample Type:	Powder	Date Acquired:	05/07/2024
Sample Weight:	200mg	Acquisition Method:	MIT-EVO_R2024-01
Dilution:	1.0	Testing ID:	179860B_0007.D
Vial:	Vial 7	Date Processed:	05/09/2024
Injection Volume:	5.0 µl	Run Time:	27 min
Prepped By:	Sarah T.	Calibration ID:	20240305



#	Analyte	RT (min)	Area (mAU*s)	Amt (µg/mL)	Alkaloid	Total %
1	Mitragynine	14	2816	146	C <sub>23</sub> H <sub>30</sub> N <sub>2</sub> O <sub>4</sub>	1.42
2	7-Hydroxymitragynine	6	9	0.9	C <sub>23</sub> H <sub>30</sub> N <sub>2</sub> O <sub>5</sub>	0.009
3	Paynantheine	10	541	26	C <sub>23</sub> H <sub>28</sub> N <sub>2</sub> O <sub>4</sub>	0.26
4	Speciogynine	11	936	46	C <sub>23</sub> H <sub>30</sub> N <sub>2</sub> O <sub>4</sub>	0.46
5	Speciociliatine	12	551	27	C <sub>23</sub> H <sub>30</sub> N <sub>2</sub> O <sub>4</sub>	0.27
6						

Mitragynine Content: **14** mg/g  
7OH Content: **0.09** mg/g  
Identity Confirmed: **YES**

**SEAL OF AUTHENTICITY**  
VERIFIED BY: *[Signature]*  
Quality Assurance: *[Signature]*