

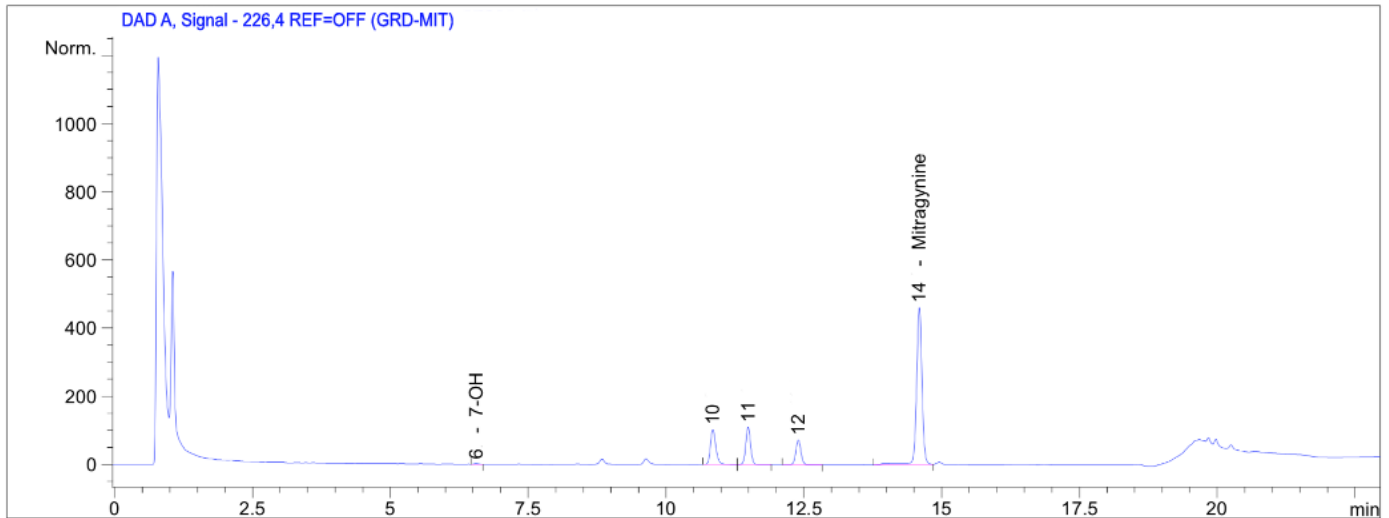


# Certificate of Analysis

09 MAY 2024  
VIETNAM POWDER / MIT / 100124



CLIENT:	MODUS ENTERPRISES	SAMPLE SET:	179860
Sample Type:	Powder	Date Acquired:	05/07/2024
Sample Weight:	200mg	Acquisition Method:	MIT-EVO_R2024-01
Dilution:	1.0	Testing ID:	179860_0007.D
Vial:	Vial 7	Date Processed:	05/08/2024
Injection Volume:	5.0 µl	Run Time:	27 min
Prepped By:	Sarah T.	Calibration ID:	20240105



#	Analyte	RT (min)	Area (mAU*s)	Amt (µg/mL)	Alkaloid	Total %
1	Mitragynine	14	2876	142	C <sub>23</sub> H <sub>30</sub> N <sub>2</sub> O <sub>4</sub>	1.42
2	7-Hydroxymitragynine	6	N/D	N/D	C <sub>23</sub> H <sub>30</sub> N <sub>2</sub> O <sub>5</sub>	N/D
3	Paynantheine	10	488	24	C <sub>23</sub> H <sub>28</sub> N <sub>2</sub> O <sub>4</sub>	0.24
4	Speciogynine	11	936	44	C <sub>23</sub> H <sub>30</sub> N <sub>2</sub> O <sub>4</sub>	0.44
5	Speciociliatine	12	469	23	C <sub>23</sub> H <sub>30</sub> N <sub>2</sub> O <sub>4</sub>	0.23
6						

Mitragynine Content: **14 mg/g**

Adulterants (Y/N): **None Detected**

Identity Confirmed: **YES**

**SEAL OF AUTHENTICITY**

VERIFIED BY: *[Signature]*

Quality Assurance: *[Signature]*