



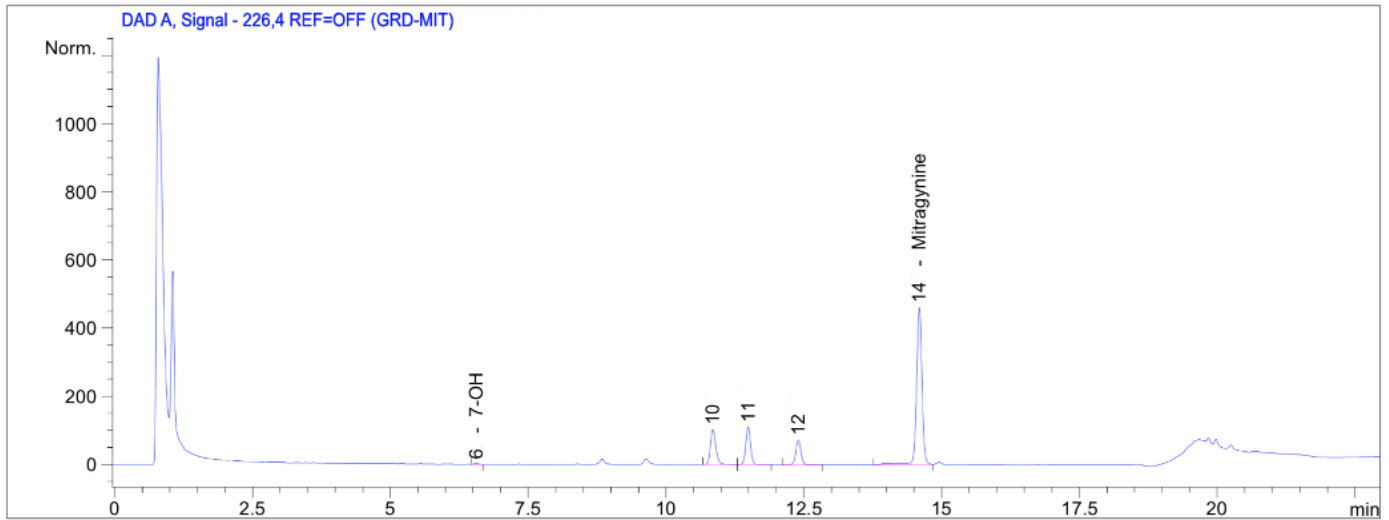
# Certificate of Analysis

09 MAY 2024

RED VEIN MAENG DA POWDER / MIT / 100121



<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:	179860_0004.D
Vial:	Vial 4	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	2452	154	C <sub>23</sub> H <sub>30</sub> N <sub>2</sub> O <sub>4</sub>	1.24
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	613	30	C <sub>23</sub> H <sub>28</sub> N <sub>2</sub> O <sub>4</sub>	0.30
4	Speciogynine	11	838	41	C <sub>23</sub> H <sub>30</sub> N <sub>2</sub> O <sub>4</sub>	0.41
5	Speciociliatine	12	501	24	C <sub>23</sub> H <sub>30</sub> N <sub>2</sub> O <sub>4</sub>	0.24
6						

Mitragynine Content: **12 mg/g**  
ONE TWO

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

Identity Confirmed: **YES**

**SEAL OF AUTHENTICITY**

VERIFIED BY: *[Signature]*

Quality Assurance: *[Signature]*