

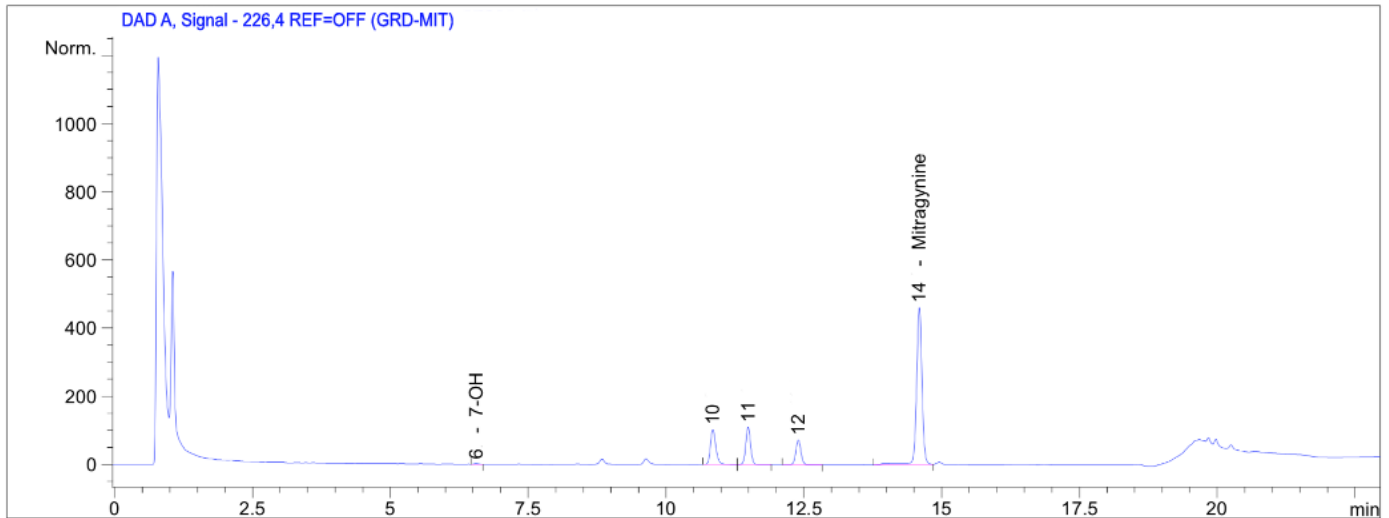


# Certificate of Analysis

14 MAY 2024  
MELLO SHOTS / MIT / 100127



<b>CLIENT:</b>	<b>MODUS ENTERPRISES</b>	<b>SAMPLE SET:</b>	<b>179860</b>
Sample Type:	Liquid	Date Acquired:	05/07/2024
Sample Weight:	2mL	Acquisition Method:	MIT-EVO_R2024-01
Dilution:	0.01	Testing ID:	GRD-MIT_161187.D
Vial:	Vial 22	Date Processed:	05/13/2024
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	2559	119	C <sub>23</sub> H <sub>30</sub> N <sub>2</sub> O <sub>4</sub>	1.19
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	584	28	C <sub>23</sub> H <sub>28</sub> N <sub>2</sub> O <sub>4</sub>	0.28
4	Speciogynine	11	546	27	C <sub>23</sub> H <sub>30</sub> N <sub>2</sub> O <sub>4</sub>	0.27
5	Speciociliatine	12	371	18	C <sub>23</sub> H <sub>30</sub> N <sub>2</sub> O <sub>4</sub>	0.18
6						

Mitragynine Content: **12 mg/mL**

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

Identity Confirmed: **YES**

**SEAL OF AUTHENTICITY**

VERIFIED BY: *[Signature]*

Quality Assurance: *[Signature]*