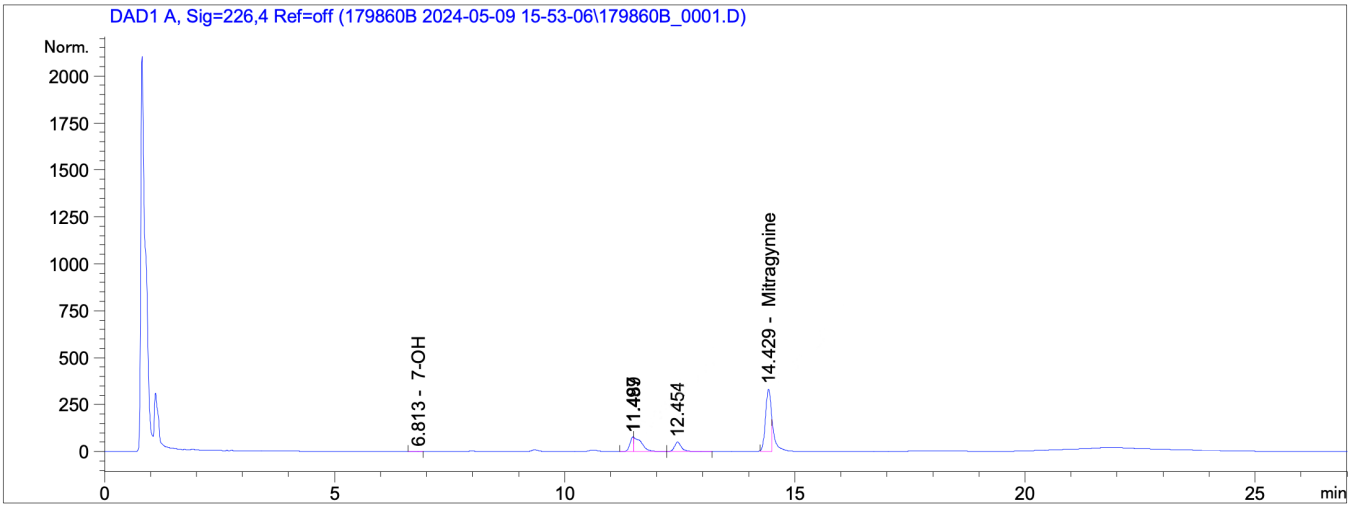
Certificate of Analysis

10 MAY 2024

TRAIN WRECK CAPS / MIT / 100110

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:	179860B_0001.D
Vial:	Vial 1	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	2751	139	$C_{23}H_{30}N_2O_4$	1.39
2	7-Hydroxymitragynine	6	7	0.7	$C_{23}H_{30}N_2O_5$	0.007
3	Paynantheine	10	428	21	$C_{23}H_{28}N_2O_4$	0.21
4	Speciogynine	11	891	43	$C_{23}H_{30}N_2O_4$	0.43
5	Speciociliatine	12	515	25	$C_{23}H_{30}N_2O_4$	0.25
6						

Mitragynine Content: 14 mg/g (ONE FOUR)

7OH Content: 0.07 mg/g (ZERO PERIOD ZERO SEVEN)

Identity Confirmed: YES

SEAL OF AUTHENTICITY

VERIFIED BY:

Quality Assurance:

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