



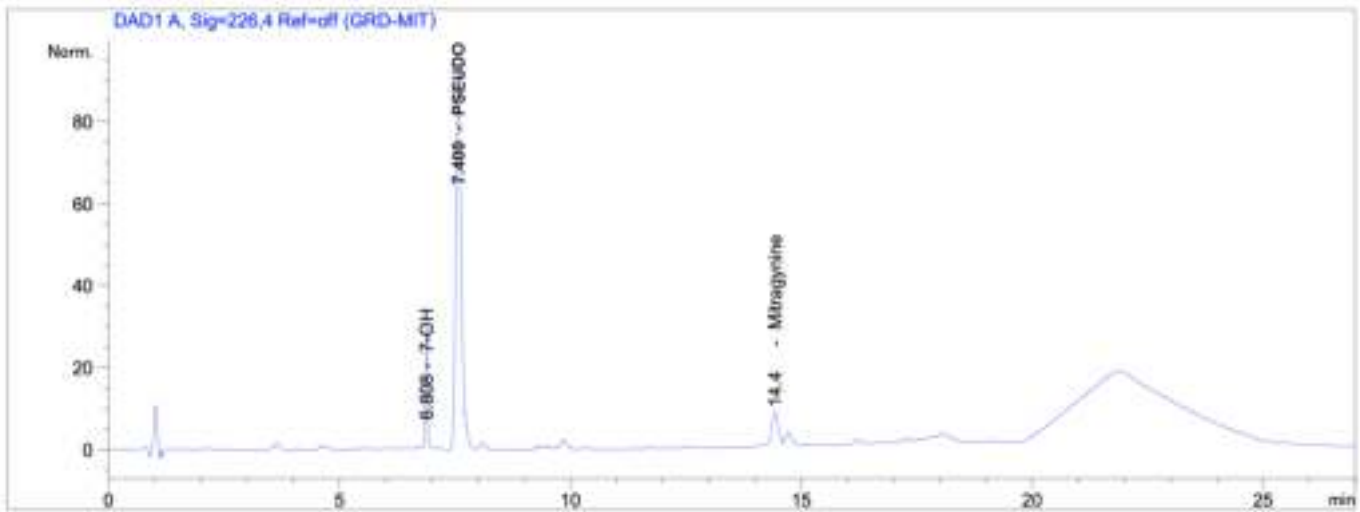
Certificate of Analysis

29 OCT 2024

Syrup / 6417-125-100



CLIENT:	FLAME USA	SAMPLE SET:	188070
Sample Type:	Liquid	Date Acquired:	10/29/2024
Sample Weight:	2mL	Acquisition Method:	MIT-EVO_R2024-01
Dilution:	1.0	Testing ID:	188070_0003.D
Vial:	Vial 3	Date Processed:	10/29/2024
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	96	0.04	C ₂₃ H ₃₀ N ₂ O ₄	0.004
2	7-Hydroxymitragynine	6.8	108	1.08	C ₂₃ H ₃₀ N ₂ O ₅	0.011
3	Pseudoindoxyl	7.4	848	84.8	C ₂₃ H ₃₀ N ₂ O ₅	0.085
4	Paynantheine	10	N/D	N/D	C ₂₃ H ₂₈ N ₂ O ₄	N/D
5	Speciogynine	11	N/D	N/D	C ₂₃ H ₃₀ N ₂ O ₄	N/D
6	Speciociliatine	12	N/D	N/D	C ₂₃ H ₃₀ N ₂ O ₄	N/D

Mitragynine Content: **0.1 mg/mL**
ZERO PERIOD ONE

7OH Content: **0.04 mg/mL**
ZERO PERIOD ZERO FOUR

Pseudo Content: **0.85 mg/mL**
ZERO PERIOD EIGHT FIVE

SEAL OF AUTHENTICITY

VERIFIED BY: *[Signature]*

Quality Assurance: *[Signature]*