



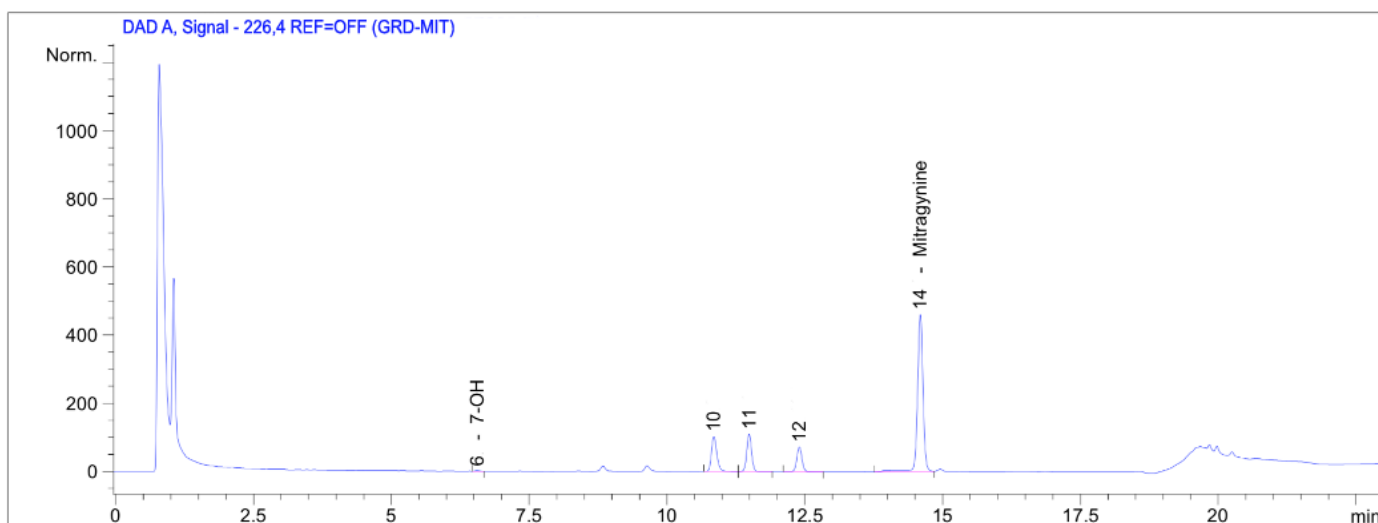
Certificate of Analysis

17 JULY 2024

MIT MAGIC / 240701



CLIENT:	KICK AZZ	SAMPLE SET:	183380
Sample Type:	Liquid	Date Acquired:	07/16/2024
Sample Weight:	2mL	Acquisition Method:	MIT-EVO_R2024-01
Dilution:	0.1	Testing ID:	GRD-MIT_162448.D
Vial:	Vial 1	Date Processed:	07/17/2024
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	3749	189	C ₂₃ H ₃₀ N ₂ O ₄	1.89
2	7-Hydroxymitragynine	6	N/D	N/D	C ₂₃ H ₃₀ N ₂ O ₅	N/D
3	Paynantheine	10	594	29	C ₂₃ H ₂₈ N ₂ O ₄	0.29
4	Speciogynine	11	185	9	C ₂₃ H ₃₀ N ₂ O ₄	0.09
5	Speciociliatine	12	427	21	C ₂₃ H ₃₀ N ₂ O ₄	0.21
6						

Mitragynine Content: **19** mg/mL

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

Identity Confirmed: **YES**

SEAL OF AUTHENTICITY

VERIFIED BY:

Quality Assurance: