

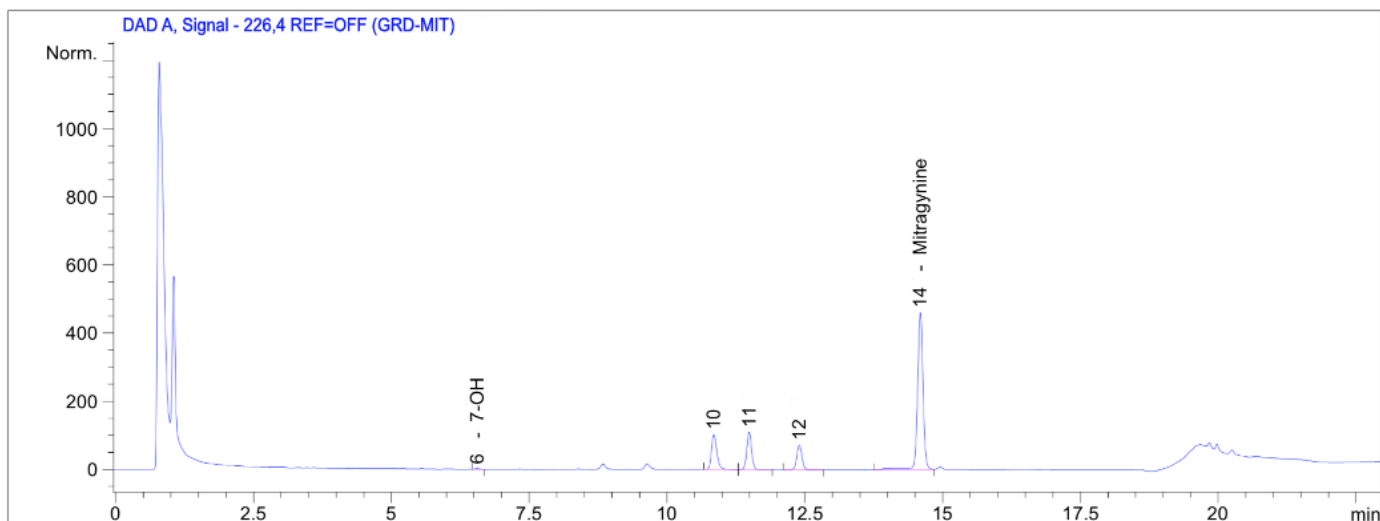


Certificate of Analysis

31 JULY 2023

KBARTROPICALFRUIT / MIT / VP23061905

CLIENT:	NU URTH FARMACY	SAMPLE SET:	156990
Sample Type:	Liquid	Date Acquired:	07/27/2023
Sample Weight:	2mL	Acquisition Method:	MIT-EVO_R2023-01
Dilution:	0.01	Testing ID:	GRD-MIT_153553.D
Vial:	Vial 5	Date Processed:	07/28/2023
Injection Volume:	5.0 µl	Run Time:	27 min
Prepped By:	Keith C.	Calibration ID:	20230105

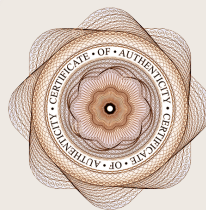


#	Analyte	RT (min)	Area (mAU*s)	Amt (µg/mL)	Alkaloid	Total %
1	Mitragynine	14	11176	541	C ₂₃ H ₃₀ N ₂ O ₄	5.41
2	7-Hydroxymitragynine	6	N/D	N/D	C ₂₃ H ₃₀ N ₂ O ₅	N/D
3	Paynantheine	10	1781	86	C ₂₃ H ₂₈ N ₂ O ₄	0.86
4	Speciogynine	11	1902	92	C ₂₃ H ₃₀ N ₂ O ₄	0.92
5	Speciociliatine	12	1289	62	C ₂₃ H ₃₀ N ₂ O ₄	0.62
6						

Mitragynine Content: **54** mg/mL
FIVE FOUR

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

Identity Confirmed: **YES**



SEAL OF AUTHENTICITY

VERIFIED BY:

Quality Assurance: