

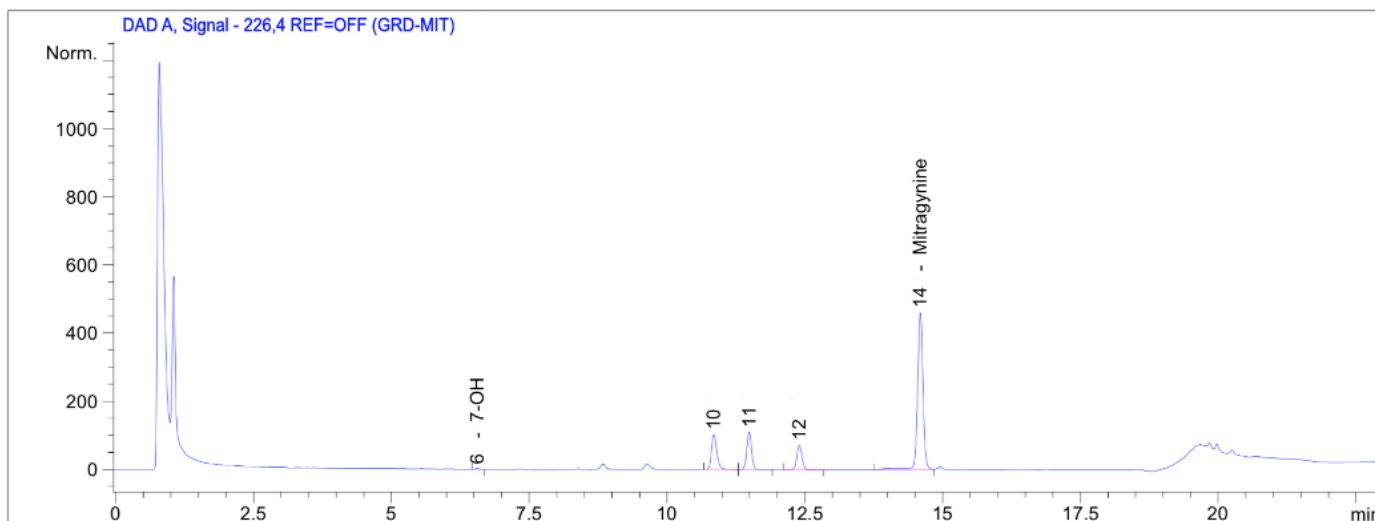


Certificate of Analysis

26 DECEMBER 2023

SAMPLE 2 / MIT

CLIENT:	MOON BOTANICALS	SAMPLE SET:	172160
Sample Type:	Powder	Date Acquired:	12/21/2023
Sample Weight:	200mg	Acquisition Method:	MIT-EVO_R2023-01
Dilution:	1.0	Testing ID:	GRD-MIT_156997.D
Vial:	Vial 2	Date Processed:	12/23/2023
Injection Volume:	5.0 µl	Run Time:	27 min
Prepped By:	Sarah T.	Calibration ID:	20230105



#	Analyte	RT (min)	Area (mAU*s)	Amt (µg/mL)	Alkaloid	Total %
1	Mitragynine	14	3236	157	C ₂₃ H ₃₀ N ₂ O ₄	1.57
2	7-Hydroxymitragynine	6	N/D	N/D	C ₂₃ H ₃₀ N ₂ O ₅	N/D
3	Paynantheine	10	550	27	C ₂₃ H ₂₈ N ₂ O ₄	0.27
4	Speciogynine	11	1229	59	C ₂₃ H ₃₀ N ₂ O ₄	0.59
5	Speciociliatine	12	450	22	C ₂₃ H ₃₀ N ₂ O ₄	0.22
6						

Mitragynine Content: **16** mg/g
ONE SIX

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

Identity Confirmed: **YES**

SEAL OF AUTHENTICITY

VERIFIED BY: *[Signature]*

Quality Assurance: *[Signature]*