Certificate of Analysis

15 SEPTEMBER 2025

MINT 80MG / LOT #: 25251-780003

CLIENT:	**HAPPY SHAMAN**	**SAMPLE SET:**	**208730**
Address:		Prepped By:	Kimberly T.
Address:		Date Acquired:	09/12/2025
Dilution:	1:1	Acquisition Method:	MIT-EVO_R2025-01
Sample Matrix:	Powder	Testing ID:	GRD-MIT_242192.D
Sample Weight:	200mg	Date Processed:	09/13/2025
Product Weight:	0.795g/tablet	Calibration ID:	CALI-244-2025

#	Analyte	Formula	Analytical Method(s)	Total %	Unit
1	Mitragynine	$C_{23}H_{30}N_2O_4$	HPLC (Adapted Mudge & Brown, 2020*)	N/D	mg/g
2	7-Hydroxymitragynine	$C_{23}H_{30}N_2O_5$	HPLC (Adapted Mudge & Brown, 2020*)	10.06	mg/g
3	Mitragynine Pseudoindoxyl	$C_{23}H_{30}N_2O_5$	HPLC (Adapted Mudge & Brown, 2020*)	0.06	mg/g
4	Paynantheine	$C_{23}H_{28}N_2O_4$	HPLC (Adapted Mudge & Brown, 2020*)	N/D	mg/g
5	Speciogynine	$C_{23}H_{30}N_2O_4$	HPLC (Adapted Mudge & Brown, 2020*)	N/D	mg/g
6	Speciociliatine	$C_{23}H_{30}N_2O_4$	HPLC (Adapted Mudge & Brown, 2020*)	N/D	mg/g
			TOTAL ALKALOIDS:	10.12%	mg/g

Mitragynine Content: 0.0 mg/tab (ZERO PERIOD ZERO)

7OH Content: 80 mg/tab (EIGHT ZERO)

Pseudo Content: 0.5 mg/tab (ZERO PERIOD FIVE)

SEAL OF AUTHENTICITY

VERIFIED BY:

Quality Assurance: Sarah T.

* Method conforms to AOAC Kratom Working Group SMPRs for mitragynine and 7-OH plus internal lab methods MIT-EVO_R2025-01 / JIA-KVL_2024-R1.