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Certificate of Analysis

16 AUGUST 2026
10805202650
LOT #: 001



CLIENT:	Happy Shaman	SAMPLE SET:	244700
Address:	12079 Starcrest Dr	Prepped By:	Sarah T.
Address:	San Antonio, Texas 78247	Date Acquired:	08/14/2026
Dilution:	1:1	Acquisition Method:	MIT-EVO_R2026-PT
Sample Matrix:	Powder	Testing ID:	GRD-MIT_229014.D
Sample Weight:	2000mg	Date Processed:	08/14/2026
Product Weight: 50mg Tablets	515mg	Calibration ID:	CALI-244-2026



#	Analyte	Formula	Analytical Method(s)	Total %	Unit
1	Mitragynine	$C_{23}H_{30}N_2O_4$	HPLC (Adapted Mudge & Brown, 2020*)	0.50	mg/tab
2	7-Hydroxymitragynine	$C_{23}H_{30}N_2O_5$	HPLC (Adapted Mudge & Brown, 2020*)	N/D	mg/tab
3	MGM-15 (semi-synthetic)	$C_{23}H_{30}N_2O_5$	HPLC (Adapted Mudge & Brown, 2020*)	N/D	mg/tab
4	Mitragynine Pseudoindoxyl	$C_{23}H_{30}N_2O_5$	HPLC (Adapted Mudge & Brown, 2020*)	N/D	mg/tab
5	Speciogynine	$C_{23}H_{28}N_2O_4$	HPLC (Adapted Mudge & Brown, 2020*)	1.77	mg/tab
6	Paynantheine	$C_{23}H_{30}N_2O_4$	HPLC (Adapted Mudge & Brown, 2020*)	0.04	mg/tab
7	Speciociliatine	$C_{23}H_{30}N_2O_4$	HPLC (Adapted Mudge & Brown, 2020*)	N/D	mg/tab
8	9-Hydroxycorynantheidine	$C_{22}H_{28}N_2O_4$	HPLC (Adapted Mudge & Brown, 2020*)	N/T	mg/tab
9	10-Hydroxycorynantheidine	$C_{23}H_{30}N_2O_4$	HPLC (Adapted Mudge & Brown, 2020*)	N/T	mg/tab
10	7-Acetoxymitragynine	$C_{25}H_{32}N_2O_6$	HPLC (Adapted Mudge & Brown, 2020*)	N/T	mg/tab
11	9-Fluoro-7-hydroxymitragynine	$C_{23}H_{29}FN_2O_5$	HPLC (Adapted Mudge & Brown, 2020*)	N/T	mg/tab
TOTAL ALKALOIDS:				2.31%	mg/tab

Mitragynine Content:	3	mg/tab
7OH Content:	N/D	mg/tab
Pseudo Content:	N/D	mg/tab
MGM-15 Content:	N/D	mg/tab



SEAL OF AUTHENTICITY

VERIFIED BY: *[Signature]*

Quality Assurance: *Sarah T.*

Method conforms to AOAC Kratom Working Group SMPRs for mitragynine and 7-OH plus internal lab methods MIT-EVO_R2026-PT / JIA-KVL_2024-R1.
LOQ for 7-OH, MGM-15, and Pseudoindoxyl is 100ppm and N/D (Not Detected) indicates a result below the Limit of Quantitation (LOQ of 100 ppm / 0.01%). Decision Rule:
When statements of conformity are provided, measurement of uncertainty is not taken into consideration when determining those statements. Simple acceptance is used. COA
results apply to the samples as received. All testing completed under ISO/IEC 17025:2017 conditions or Pending Letter of Accreditation.
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