



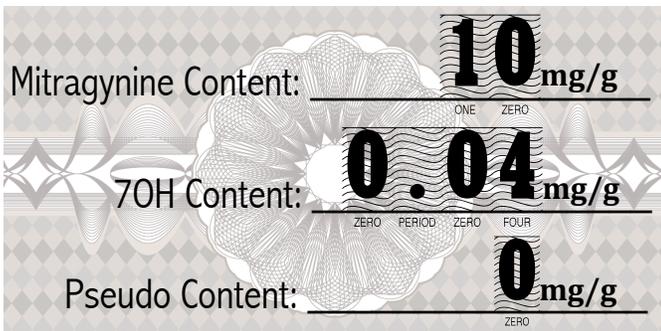
Certificate of Analysis

03 JULY 2025
ARCANE / LOT #: 16.06.888



CLIENT:	BEWITCHED BOTANICAL	SAMPLE SET:	202350
Address:	PO Box 114	Prepped By:	Kimberly T.
Address:	Tatums, OK 73487	Date Acquired:	07/02/2025
Dilution:	1:1	Acquisition Method:	MIT-EVO_R2025-01
Sample Matrix:	Powder	Testing ID:	202350_0006.D
Sample Weight:	200mg	Date Processed:	07/02/2025
Product Weight:	Raw Material	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*)	0.95	mg/g
2	7-Hydroxymitragynine	$C_{23}H_{30}N_2O_5$	HPLC (Adapted Mudge & Brown, 2020*)	0.004	mg/g
3	Mitragyninre Pseudoindoxyl	$C_{23}H_{30}N_2O_5$	HPLC (Adapted Mudge & Brown, 2020*)	N/D	mg/g
4	Paynantheine	$C_{23}H_{28}N_2O_4$	HPLC (Adapted Mudge & Brown, 2020*)	0.30	mg/g
5	Speciogynine	$C_{23}H_{30}N_2O_4$	HPLC (Adapted Mudge & Brown, 2020*)	0.19	mg/g
6	Speciociliatine	$C_{23}H_{30}N_2O_4$	HPLC (Adapted Mudge & Brown, 2020*)	0.16	mg/g



* 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.
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