



Certificate of Analysis

05 MAY 2026
424VAS50B1 / LOT #: N/A



1341 Distribution Way 16, Vista CA 92081
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CLIENT:	ALKALOID BROS	SAMPLE SET:	234190
Address:	2785 Pacific Coast Hwy, Suite E429	Prepped By:	Aimee B.
Address:	Torrance, CA 90505	Date Acquired:	05/04/2026
Dilution:	1:10	Acquisition Method:	MIT-EVO_R2026-PT
Sample Matrix:	Powder	Testing ID:	234190_0001.D
Sample Weight:	200mg	Date Processed:	05/04/2026
Product Weight:	0.686g/tablet	Calibration ID:	CALI-567-2026

#	Analyte	Formula	Analytical Method(s)	Total %	Unit
1	SR-17018	C ₁₉ H ₁₈ Cl ₃ N ₃₀	HPLC (Adapted SOP-0981.00 SR v1)	8.10	mg/g
2	Mitragynine	C ₂₃ H ₃₀ N ₂ O ₄	HPLC (Adapted Mudge & Brown, 2020*)	N/D	mg/g
3	7-Hydroxymitragynine	C ₂₃ H ₃₀ N ₂ O ₅	HPLC (Adapted Mudge & Brown, 2020*)	N/D	mg/g
4	MGM-15 (semi-synthetic)	C ₂₃ H ₃₀ N ₂ O ₅	HPLC (Adapted Mudge & Brown, 2020*)	N/D	mg/g
5	Mitragynine Pseudoindoxyl	C ₂₃ H ₃₀ N ₂ O ₅	HPLC (Adapted Mudge & Brown, 2020*)	N/D	mg/g
TOTAL ALKALOIDS:				8.10%	mg/g

SR-17018 Content: **56 mg/tab**

7OH Content: **0 mg/tab**

Pseudo Content: **0 mg/tab**

MGM-15 Content: **0 mg/tab**

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.
** LOD for 7-Hydroxymitragynine (7-OH) is 0.1ppm and N/D on this COA indicates a value below the LOD.

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.