



Certificate of Analysis

05 JUNE 2026

MGM-15

LOT #: SYN-MGM6226



1341 Distribution Way 16, Vista CA 92081
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CLIENT:	Synaptex Unlimited	SAMPLE SET:	238900
Address:	21699 E Quincy Ave, Unit F	Prepped By:	Aimee B.
Address:	Aurora, CO 80015	Date Acquired:	06/04/2026
Dilution:	1:10	Acquisition Method:	MIT-EVO_R2026-PT
Sample Matrix:	Powder	Testing ID:	238900_0002.D
Sample Weight:	2000mg	Date Processed:	06/04/2026
Product Weight:	Raw Material	Calibration ID:	CALI-244-2025

#	Analyte	Formula	Analytical Method(s)	Total %	Unit
1	Mitragynine	C ₂₃ H ₃₀ N ₂ O ₄	HPLC (Adapted Mudge & Brown, 2020*)	2.80	mg/g
2	7-Hydroxymitragynine	C ₂₃ H ₃₀ N ₂ O ₅	HPLC (Adapted Mudge & Brown, 2020*)	N/D	mg/g
3	MGM-15 (semi-synthetic)	C ₂₃ H ₃₀ N ₂ O ₅	HPLC (Adapted Mudge & Brown, 2020*)	83.40	mg/g
4	Mitragynine Pseudoindoxyl	C ₂₃ H ₃₀ N ₂ O ₅	HPLC (Adapted Mudge & Brown, 2020*)	N/D	mg/g
5	Speciogynine	C ₂₃ H ₂₈ N ₂ O ₄	HPLC (Adapted Mudge & Brown, 2020*)	N/D	mg/g
6	Paynantheine	C ₂₃ H ₃₀ N ₂ O ₄	HPLC (Adapted Mudge & Brown, 2020*)	N/D	mg/g
7	Speciociliatine	C ₂₃ H ₃₀ N ₂ O ₄	HPLC (Adapted Mudge & Brown, 2020*)	N/D	mg/g
TOTAL ALKALOIDS:				86.20%	mg/g

Mitragynine Content: **28** mg/g
TWO EIGHT

7OH Content: **0** mg/g
ZERO

Pseudo Content: **0** mg/g
ZERO

MGM-15 Content: **834** mg/g
EIGHT THREE FOUR

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.
 COA shall not be reproduced except in full without approval of Wonderland Labs. | Page 1 of 1