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Certificate of Analysis

5 NOVEMBER 2026

TKPWDSTCKSB

LOT #: D56E4(G217E)



CLIENT:	**WESTMAN PRODUCTS**	**SAMPLE SET:**	**MWC-261103-A**
Address:	8123 S Orange Ave Ste 154	Prepped By:	Sarah T.
Address:	Orlando, FL 32809	Date Acquired:	11/04/2026
Dilution:	1:1	Acquisition Method:	MIT-EVO_R2026-PT
Sample Matrix:	Powder	Testing ID:	261103-A_0003.D
Sample Weight:	2000mg	Date Processed:	11/04/2026
Product Weight:	Raw Material	Calibration ID:	CALI-244-2026

#	Analyte	Formula	Analytical Method(s)	Total % w/w
1	Mitragynine	$C_{23}H_{30}N_2O_4$	HPLC (Adapted Mudge & Brown, 2020*)	2.00
2	7-Hydroxymitragynine	$C_{23}H_{30}N_2O_5$	HPLC (Adapted Mudge & Brown, 2020*)	N/D
3	MGM-15 (semi-synthetic)	$C_{23}H_{30}N_2O_5$	HPLC (Adapted Mudge & Brown, 2020*)	N/D
4	Mitragynine Pseudoindoxyl	$C_{23}H_{30}N_2O_5$	HPLC (Adapted Mudge & Brown, 2020*)	N/D
5	Speciogynine	$C_{23}H_{28}N_2O_4$	HPLC (Adapted Mudge & Brown, 2020*)	N/D
6	Paynantheine	$C_{23}H_{30}N_2O_4$	HPLC (Adapted Mudge & Brown, 2020*)	N/D
7	Speciociliatine	$C_{23}H_{30}N_2O_4$	HPLC (Adapted Mudge & Brown, 2020*)	N/D
8	9-Hydroxycorynantheidine	$C_{22}H_{28}N_2O_4$	HPLC (Adapted Mudge & Brown, 2020*)	N/D
9	10-Hydroxycorynantheidine	$C_{23}H_{30}N_2O_4$	HPLC (Adapted Mudge & Brown, 2020*)	N/T
10	7-Acetoxymitragynine	$C_{25}H_{32}N_2O_6$	HPLC (Adapted Mudge & Brown, 2020*)	N/D
11	9-Fluoro-7-hydroxymitragynine	$C_{23}H_{29}FN_2O_5$	HPLC (Adapted Mudge & Brown, 2020*)	N/D
			TOTAL ALKALOIDS:	2.00%

Mitragynine Content: **20.0** mg/g

7OH Content: **N/D** mg/g

Pseudo Content: **N/D** mg/g

MGM-15 Content: **N/D** mg/g

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_R2026-PT / JIA-KVL_2024-R1. 7-Hydroxymitragynine (7-OH) and Mitragynine Pseudoindoxyl (MGPI): Limit of Detection (LOD): 1 ppm. Limit of Quantitation (LOQ): 10 ppm. N/D (Not Detected) indicates no analyte detected at or above the applicable LOD. For N/D results, the LOD may be used as the stated concentration where permitted by applicable regulations. 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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