



1341 Distribution Way 16, Vista CA 92081
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Certificate of Analysis

7 AUGUST 2026

RED CAPS

LOT #: FEAC4



CLIENT:	Madewell Co	SAMPLE SET:	MWC-260729-A
Address:	1041 Crews Commerce Drive	Prepped By:	Aimee B.
Address:	Vista, CA 92081	Date Acquired:	07/30/2026
Dilution:	1:1	Testing ID:	260729-A_0007.D
Matrix:	Powder	Date Processed:	07/30/2026
Sample Weight:	2000mg	Calibration ID:	CALI-244-2026

ID/POTENCY

#	Analyte	Formula	Analytical Method(s)	Total %	Unit
1	Mitragynine	$C_{23}H_{30}N_2O_4$	HPLC (Adapted Mudge & Brown, 2020*)	1.04	mg/g
2	7-Hydroxymitragynine	$C_{23}H_{30}N_2O_5$	HPLC (Adapted Mudge & Brown, 2020*)	N/D	mg/g
3	Speciogynine	$C_{23}H_{28}N_2O_4$	HPLC (Adapted Mudge & Brown, 2020*)	0.35	mg/g
4	Paynantheine	$C_{23}H_{30}N_2O_4$	HPLC (Adapted Mudge & Brown, 2020*)	0.37	mg/g
5	Speciociliatine	$C_{23}H_{30}N_2O_4$	HPLC (Adapted Mudge & Brown, 2020*)	0.20	mg/g

BIOLOGICAL

#	Analyte	Spec	Result	Method	Sample Size
1	Total Plate Count	< 10,000,000 cfu/g	0 cfu/g	0973-00 Petrifilm 2025-41	10g
2	Coliforms	< 10,000 cfu/g	Pass	0973-00 Petrifilm 2025-41	10g
3	Enterobacteriaceae	< 10,000 cfu/g	N/T	0973-00 Petrifilm 2025-41	10g
5	Yeast & Mold	<100,000 cfu/g	Pass	0972-00 Soleris 2025-41	10g
6	Staphylococcus	Absent in 10g	Absent	0973-00 Petrifilm 2025-41	10g
7	E. coli	Absent in 10g	Absent	0972-00 Soleris 2025-41	10g
8	Salmonella	Absent in 10g	Absent	0972-00 Soleris 2025-41	10g

HEAVY METALS

Product #	Lot #	Metals	Spec	Results
RED CAPS	FEAC4	Arsenic	< 10,000 ppb	150 ppb
		Cadmium	< 4,100 ppb	20 ppb
		Lead	< 900 ppb	350 ppb
		Mercury	< 300 ppb	10 ppb



SEAL OF AUTHENTICITY

VERIFIED BY:

Quality Assurance:

* Method conforms to AOAC methods for Microbial and Kratom Working Group SMPRs for mitragynine and 7-OH w/internal lab method MIT-EVO_R2025-01.

** Interim LOD for 7-Hydroxymitragynine (7-OH) is 1.0ppm and N/D on this COA indicates a value below the LOD.

Sample(s) examined visually and under low-power magnification. No visible or microscopic harmful foreign matter observed. | Page 1 of 1