

WONDERLAND LABS

Certificate of Analysis

24 MAY 2023

TKPWDSHTRL20 / MITRAGYNINE / DAB31



Client:	MADEWELL	SAMPLE SET:	153270
Sample Type:	Powder	Prepped By:	Keith C.
Sample Weight:	200mg	Acquisition Method:	MIT-EVO_R2023-01
Dilution:	1.0	Testing ID:	GRD-MIT_152304.D
Vial:	Vial 12	Date Processed:	05/23/2023

----- ID/POTENCY -----

#	Analyte	RT (min)	Area (mAU*s)	Amt (µg/mL)	Alkaloid	Total %
1	Mitragynine	14	4939	231	C ₂₃ H ₃₀ N ₂ O ₄	2.31
2	7-Hydroxymitragynine	6	4	1	C ₂₃ H ₃₀ N ₂ O ₅	.001
3	Paynantheine	10	377	18	C ₂₃ H ₂₈ N ₂ O ₄	0.2
4	Speciogynine	11	686	32	C ₂₃ H ₃₀ N ₂ O ₄	0.3
5	Speciociliatine	12	397	19	C ₂₃ H ₃₀ N ₂ O ₄	0.2

----- BIOLOGICAL -----

Sample	Lot #	USP NF Total Viable Count		USP.NF Total Yeast		USP NF Total Mold	
		Spec	Result	Spec	Result	Spec	Result
TKPWDSHTRL20	DAB31	<10k CFU/g	PASS	POS/NEG	NEG	POS/NEG	NEG

Sample	Lot #	FDA(BAM)CH.4 Coliform		USP NF E. Coli		USP NF Salmonella		USP NF Staphylococcus	
		Spec	Result	Spec	Result	Spec	Result	Spec	Result
TKPWDSHTRL20	DAB31	<10k CFU/g	PASS	POS/NEG	NEG	POS/NEG	NEG	POS/NEG	NEG

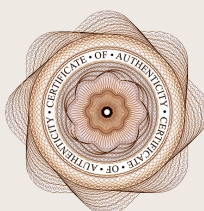
----- HEAVY METALS -----

Product #	Lot #	Metals	Spec	Results
TKPWDSHTRL20	DAB31	Arsenic	< 10,000 ppb	20 ppb
		Cadmium	< 4,100 ppb	N/D
		Lead	< 900 ppb**	20 ppb
		Mercury*	< 300 ppb	N/D

Mitragynine Content: **23** mg/g
TWO THREE

Heavy Metals: **PASS**

Biological: **PASS**



SEAL OF AUTHENTICITY

VERIFIED BY:

Keith C.

Quality Assurance:

Michelle Harris