

# WONDERLAND LABS

## Certificate of Analysis

24 MAY 2022

WHITE CAPS / MITRAGYNE / 6C51D



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_152299.D
Vial:	Vial 7	Date Processed:	05/23/2023

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

#	Analyte	RT (min)	Area (mAU*s)	Amt (µg/mL)	Alkaloid	Total %
1	Mitragynine	14	3008	148	C <sub>23</sub> H <sub>30</sub> N <sub>2</sub> O <sub>4</sub>	1.48
2	7-Hydroxymitragynine	6	5	1	C <sub>23</sub> H <sub>30</sub> N <sub>2</sub> O <sub>5</sub>	.001
3	Paynantheine	10	869	41	C <sub>23</sub> H <sub>28</sub> N <sub>2</sub> O <sub>4</sub>	0.4
4	Speciogynine	11	617	29	C <sub>23</sub> H <sub>30</sub> N <sub>2</sub> O <sub>4</sub>	0.3
5	Speciociliatine	12	435	20	C <sub>23</sub> H <sub>30</sub> N <sub>2</sub> O <sub>4</sub>	0.2

### ----- BIOLOGICAL -----

Sample	Lot #	USP NF Total Viable Count		USP.NF Total Yeast		USP NF Total Mold	
		Spec	Result	Spec	Result	Spec	Result
White Caps	6C51D	<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
White Caps	6C51D	<10k CFU/g	PASS	POS/NEG	NEG	POS/NEG	NEG	POS/NEG	NEG

### ----- HEAVY METALS -----

Product #	Lot #	Metals	Spec	Results
White Caps	6C51D	Arsenic	< 10,000 ppb	310 ppb
		Cadmium	< 4,100 ppb	30 ppb
		Lead	< 900 ppb**	790 ppb
		Mercury*	< 300 ppb	30 ppb

Mitragynine Content: **15** mg/g  
ONE FIVE

Heavy Metals: **PASS**

Biological: **PASS**

**SEAL OF AUTHENTICITY**

VERIFIED BY: 

Quality Assurance: 