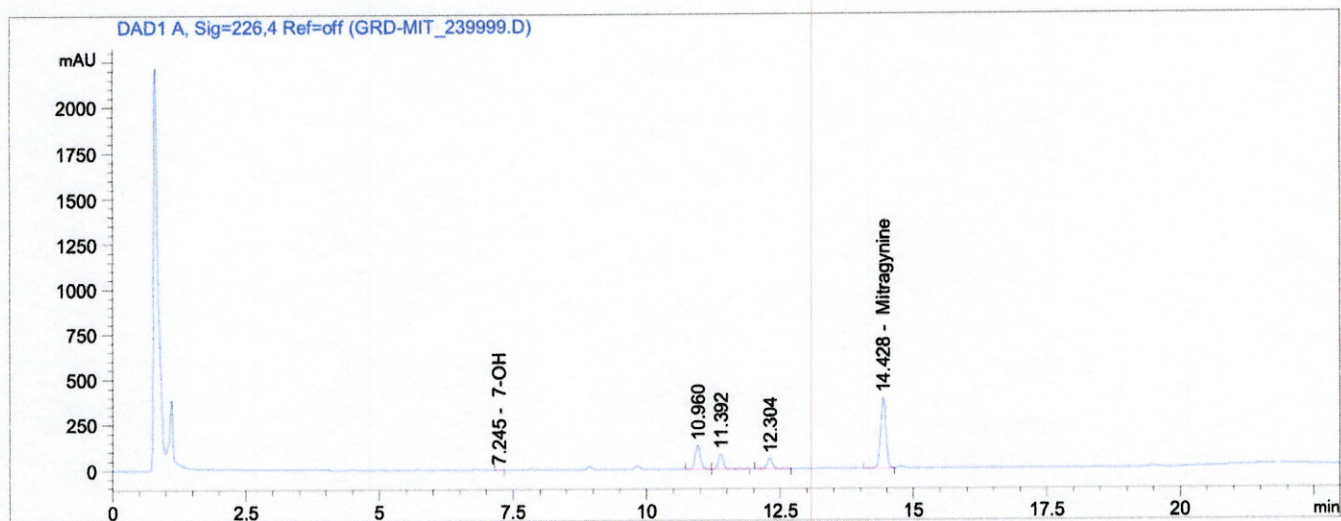


Certificate of Analysis

03 FEBRUARY 2023

SUPER GREEN / MITRAGYNINE / 23.01.01AX 19.7

Client:	KREAT DAY	Prepped By:	Keith C.
Sample Type:	Powdered	Date Acquired:	01/31/2023
Sample Weight:	200mg	Acquisition Method:	MIT-EVO_R2022-01
Dilution:	1.0	Testing ID:	GRD-MIT_239999.D
Vial:	Vial 31	Date Processed:	01/31/2023
Injection Volume:	5.0 µl	Run Time:	27 min
SAMPLE SET:	144800	Calibration ID:	20230105



#	Analyte	RT (min)	Area (mAU*s)	Amt (µg/mL)	Alkaloid	Total %
1	Mitragynine	14	2644.50	138.70	C ₂₃ H ₃₀ N ₂ O ₄	1.39
2	7-Hydroxymitragynine	7	3.86	1.00	C ₂₃ H ₃₀ N ₂ O ₅	0.01
3	Paynantheine	10	859.2	40.34	C ₂₃ H ₂₈ N ₂ O ₄	0.4
4	Speciogynine	11	528.1	24.79	C ₂₃ H ₃₀ N ₂ O ₄	0.2
5	Speciociliatine	12	385.8	18.11	C ₂₃ H ₃₀ N ₂ O ₄	0.2
6						

Mitragynine Content:

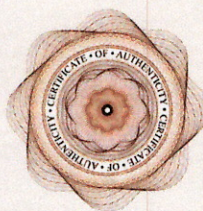
1.4%
ONE PERIOD FOUR PERCENT

Adulterants (Y/N):

None Detected

Identity Confirmed:

YES



SEAL OF AUTHENTICITY

VERIFIED BY:

[Signature]

Quality Assurance:

[Signature]



Certificate of Analysis (Heavy Metals)

06 FEBRUARY 2023

SUPER GREEN	23.01.01AX/19.7			
		Lead	< 900 ppb**	< 200 ppb**

Methyl mercury is included in total Mercury. Method AOAC 993.14 is equivalent to method ICP-MS USP <730>.

California's Proposition 65 set up overly restrictive limits for many natural plant materials in relation to lead. There are many plants that have higher levels of lead than is acceptable in the State of California. If your CA result comes back as a "HI-LEAD", you may be required to place notices on your material, or it may be a material that cannot technically be sold for consumption in the state of California.

United States Pharmacopeia (USP) Limit for Nutritional Supplements:

- Arsenic 3.000 ppm / 3000.000 ppb
- Cadmium 3.000 ppm / 3000.000 ppb
- Lead 10.000 ppm / 10000.000 ppb
- Mercury 3.000 ppm / 3000.000 ppb

California Proposition 65 Daily Limits for Heavy Metals:

- Arsenic 10 ppm / 10,000.000 ppb
- Cadmium 4.1 ppm / 4,1000.000 ppb
- Lead 0.5 ppm / 500.000 ppb
- Methyl Mercury 0.3 ppm / 300.000 ppb

Labels with a single daily dose of 500mg, the PPM in products cannot be higher than:

- Arsenic = 20.000 ppm / 20,000.000 ppb
- Cadmium = 8.000 ppm / 8,000.000 ppb
- Lead = 0.900 ppm / 900.000 ppb
- Mercury = 0.600 ppm / 600.000 ppb

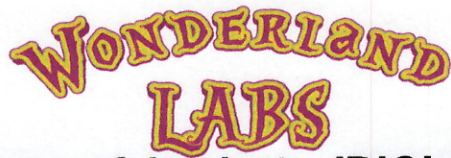
A Tolerable Daily Diet Lead intake:

- Children <6 years old = 6.000 ppm / 6000.000 ppb
- Pregnant women = 25.000 ppm / 25000.000 ppb
- Adults = 75.000 ppm / 75000.000 ppb

PASS

Heavy Metals (CA): PASS





Certificate of Analysis (BIOLOGICAL)

15 FEBRUARY 2023

KREAT DAY BOTANICALS

Total Aerobics, Yeast & Mold, Coliforms, E. coli, Salmonella, & Staphylococcus

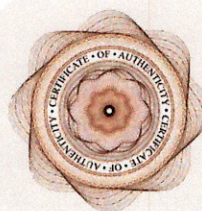
USP NF Total Viable Count				USP NF Total Yeast		USP NF Total Mold	
Sample	Lot #	Spec*	Result*	Spec	Result	Spec	Result
Super Green	23.01.01.AX / 19.7	<50k CFU/g	6.8K CFU/g	<1k CFU/g	300 CFU/g	<10k CFU/g	300 CFU/g
Dark Red	23.01.02AX / 4.18	<50k CFU/g	19.8K CFU/g	<1k CFU/g	400 CFU/g	<10k CFU/g	400 CFU/g

FDA(BAM)CH.4 Coliforms 3 tube MPN				USP NF E. Coli POS/NEG		USP NF Salmonella ELFA		USP NF Staphylococcus Aureus	
Sample	Lot #	Spec	Result	Spec	Result	Spec	Result	Spec	Result
Super Green	23.01.01.AX / 19.7	<10k CFU/g	1K CFU/g	POS/NEG	NEG	POS/NEG	NEG	POS/NEG	NEG
Dark Red	23.01.02AX / 4.18	<10k CFU/g	1K CFU/g	POS/NEG	NEG	POS/NEG	NEG	POS/NEG	NEG

* Results are in CFU/g. The detection level for testing Yeast, Mold, and Salmonella is <10 CFU/g. FDA BAM detection level for Coliforms and E.Coli is <3 CFU/g.

Typical Aerobic Plate Count Range for Mitragyna speciosa is 50,000 CFU/g.

Sample Set: 144800
Test Date: 02/12/23
Bio Final: PASS



SEAL OF AUTHENTICITY

VERIFIED BY:

Kate

Quality Assurance:

Michelle Harris