Certificate of Analysis

ANALYZED BY:

Anresco Laboratories
1375 Van Dyke Avenue,
San Francisco, CA 94124
C8-0000052-LIC

DISTRIBUTOR:

Todd Underwood
2857 SW. 40 Highway
Blue Springs 64015

MANUFACTURER:

TNT manufacturing LLC dba MitWellness
2857 SW 40 Hwy
Blue Springs, MO 64015

SAMPLE INFORMATION

Sample No.: 1175394
Product Name: Rave Kratom White Dragon 120mg
Lot #: 7500

Date Collected: 09/26/2023
Date Received: 09/27/2023
Date Reported: 10/06/2023

TEST SUMMARY

Alkaloid Profile:	Tested	**Alkaloid Fingerprint:**	Pass
Microbiological Screen:	Tested	**Residual Solvent Screen:**	Pass
Heavy Metal Screen:	Pass	**Overall:**	Pass

Alkaloid Profile

10/04/2023

Method: MF 12D030
Instrument: Liquid Chromatography Diode Array Detector (LC-DAD)
Limit of Detection 0.04 mg/g
Limit of Quantification 0.10 mg/g

Alkaloid	mg/g	%	mg/ml
Mitragynine	10.86	1.086	11.40
7-Hydroxymitragynine	ND	ND	ND
Total Alkaloids	10.86	1.086	11.4

Alkaloid Fingerprint

10/03/2023

Method: MF-CHEM-21
Instrument: LC-MS/MS

Analyte	LOD/LOQ	Findings	Units
7-OH Mitragynine	0.0017/0.0050	0.0081	mg/g
Ajmalicine	0.0017/0.0050	ND	mg/g
Corynantheidine	0.0017/0.0050	0.0801	mg/g
Corynoxine	0.0017/0.0050	ND	mg/g
Mitragynine	0.04/0.10	9.90	mg/g
Mitraphylline	0.0017/0.0050	ND	mg/g
Paynantheine	0.0017/0.0050	1.7525	mg/g
Speciociliatine	0.0017/0.0050	0.6035	mg/g
Speciogynine	0.0017/0.0050	1.0879	mg/g

Microbiological Screen

10/06/2023

Method: FDA BAM

Analyte	Findings	Units
Coliforms	<10	cfu/g
E. coli	<10	cfu/g
Salmonella	Negative	/1g
Standard Plate Count	<100	cfu/g
Yeast	<10	cfu/g
Mold	<10	cfu/g

Residual Solvent Screen ✔ Pass

10/05/2023

Method: USP <467>

Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
1,2-Dichloroethane	0.2/0.5	ND	5	Pass
Acetone	67/200	ND	-	-
Acetonitrile	67/200	ND	410	Pass
Benzene	0.2/0.5	ND	2	Pass
n-Butane	67/200	ND	-	-
Chloroform	0.2/0.5	ND	60	Pass
Ethanol	67/200	ND	-	-
Ethyl acetate	67/200	ND	-	-
Ethyl ether	67/200	ND	-	-
Ethylene oxide	0.2/0.5	ND	10	Pass
n-Heptane	67/200	ND	-	-
n-Hexane	67/200	ND	290	Pass
Isopropyl alcohol	67/200	ND	-	-
Methanol	67/200	ND	3000	Pass
Methylene chloride	0.2/0.5	ND	600	Pass
n-Pentane	67/200	ND	-	-
Propane	67/200	ND	-	-
Toluene	67/200	ND	890	Pass
Total xylenes (ortho-, meta-, para-)	67/200	ND	2170	Pass
Trichloroethylene	0.2/0.5	ND	80	Pass

Heavy Metal Screen ✔ Pass

10/03/2023

Method: MF-CHEM-16

Instrument: Inductively Coupled Plasma Mass Spectrometry (ICP-MS)

Analyte	LOD/LOQ (µg/g)	Findings (µg/g)	Intake (µg/day)	Limit (µg/day)	Status
Arsenic	0.02/0.05	ND	ND	10	Pass
Cadmium	0.02/0.05	ND	ND	4.1	Pass
Lead	0.02/0.05	ND	ND	10	Pass
Mercury	0.02/0.05	ND	ND	2	Pass

(-) = Not Tested, **ND** = None Detected, **<LOQ** = Below Limit of Quantitation, **LOD** = Limit of Detection

All LQC samples were performed and met the acceptance criteria in CCR Title 4 Division 19. Chapter 6. Article 7. §15730. pursuant to §15726.(e)(13).

Reported by

Vu Lam
Lab Co Director
October 06, 2023

Scan to verify