

CERTIFICATE OF ANALYSIS

* FOR QUALITY ASSURANCE PURPOSES. NOT A CALIFORNIA COMPLIANCE CERTIFICATE.

PRODUCED: MAR 09, 2022

SAMPLE: WHEW! (MOON-A-PAUSE) (TINCTURE) // CLIENT: XULA WELLNESS // BATCH: PASS



BATCH ID: 0320.20.57.5MP
MATRIX: TINCTURE
DENSITY: 0.9805 g/ml
CATEGORY: EDIBLE
SAMPLE ID: 2RL-220304-030
COLLECTED ON: MAR 04, 2022
RECEIVED ON: MAR 04, 2022
BATCH/SAMPLE SIZE: 1528 UNITS / 1 UNITS
RECEIVED BY: HAYLIE CLOUD
PACKAGE SIZE: 30 ML

CANNABINOID OVERVIEW

TOTAL THC:	68.24 mg/pkg
TOTAL CBD:	1163.95 mg/pkg
TOTAL CANNABINOIDS:	1626.94 mg/pkg
SUM OF CANNABINOIDS:	1628.71 mg/pkg

BATCH RESULT: PASS

POTENCY	PASS	MYCOTOXINS	PASS
FOREIGN	PASS	PESTICIDES	PASS
METALS	PASS	SOLVENTS	PASS
MICROBIAL	PASS		

M-024: POTENCY BY HPLC // MAR 08, 2022

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/ml)	PASS/FAIL	ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/ml)	PASS/FAIL
CBC	0.388 %	3.80 mg/ml		0.087/0.244	N/A	THCA		< 1 mg/ml	< 1 mg/ml	0.102/0.244	N/A
CBCA	ND	ND		0.114/0.244	N/A	THCV		ND	ND	0.083/0.244	N/A
CBD	3.918 %	38.42 mg/ml		0.099/0.244	N/A	THCVA		ND	ND	0.084/0.244	N/A
CBDA	0.045 %	0.44 mg/ml		0.047/0.244	N/A	TOTAL THC **		0.232 %	2.27 mg/ml		N/A
CBDV	ND	ND		0.056/0.244	N/A	TOTAL CBD **		3.957 %	38.80 mg/ml		N/A
CBDVA	ND	ND		0.053/0.244	N/A	CBD/PKG		1152.48 mg			N/A
CBG	0.904 %	8.86 mg/ml		0.104/0.244	N/A	CBG/PKG		265.91 mg	(177.27 % OF LABEL)		N/A
CBGA	ND	ND		0.090/0.244	N/A	Δ⁹-THC/PKG		68.24 mg			PASS
CBN	0.050 %	0.49 mg/ml		0.029/0.244	N/A	TOTAL		1163.95 mg	(116.40 % OF LABEL)		N/A
Δ ⁸ -THC	ND	ND		0.129/0.244	N/A	CBD/PKG **		mg			N/A
Δ ⁹ -THC	0.232 %	2.27 mg/ml		0.082/0.244	N/A	TOTAL		68.24 mg			N/A
						THC/PKG **					N/A

** TOTAL CBD = (CBDA X 0.877) + CBD

** TOTAL THC = (THCA X 0.877) + THC



M-026A: PESTICIDES BY LC-MS/MS // MAR 08, 2022

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL	ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ABAMECTIN	0.3	N	0.010/0.04	PAS	FLUDIOXONIL	30 µg/g	N	0.004/0.01	PAS
ACEPHATE	µg/g 5	D	0	S	HEXYTHIAZOX	2 µg/g	D	0	S
ACEQUINOCYL	µg/g	N	0.010/0.02	PAS	IMAZALIL	Any amt	N	0.010/0.03	PAS
ACETAMIPRID	4 µg/g	D	0	S	IMIDACLOPRID	3 µg/g	D	0	S
ALDICARB	5 µg/g	N	0.010/0.02	PAS	KRESOXIM-METHYL	1 µg/g	N	0.010/0.02	PAS
AZOXYSTROBIN	Any	D	0	S	MALATHION	5 µg/g	N	0.010/0.02	PAS
BIFENAZATE	amt 40	N	0.010/0.03	PAS	METALAXYL	15 µg/g	D	0	S
BIFENTHRIN	µg/g	D	0	S	METHIOCARB	Any amt	N	0.010/0.02	PAS
BOSCALID	5 µg/g	N	0.010/0.04	PAS	METHOMYL	0.1 µg/g	N	0.010/0.02	PAS
CAPTAN	0.5	D	0	S	METHYL PARATHION	Any amt	D	0	S
CARBARYL	µg/g	N	0.010/0.03	PAS	MEVINPHOS	Any amt	N	0.010/0.04	PAS
CARBOFURAN	10 µg/g	D	0	S	MYCLOBUTANIL	9 µg/g	N	0.010/0.04	PAS
CHLORANTRANIL-IPROLE	5 µg/g	N	0.010/0.03	PAS	NALED	0.5 µg/g	D	0	S
CHLORDANE	µg/g	D	0	S	OXAMYL	0.2 µg/g	N	0.010/0.04	PAS
CHLORFENAPYR	Any	D	0	S	PACLOBUTRAZOL	Any amt	D	0	S
CHLORPYRIFOS	amt	N	0.010/0.03	PAS	PENTACHLORONI-TROBENZENE	0.2 µg/g	N	0.010/0.03	PAS
CLOFENTEZINE	40 µg/g	D	0	S	PERMETHRIN	20 µg/g	D	0	S
COUMAPHOS	Any	N	0.700/0.23	PAS	PHOSMET	0.2 µg/g	N	0.005/0.02	PAS
CYFLUTHRIN	Any	D	0	S	PIPERONYLBUTOXIDE	8 µg/g	N	0.010/0.04	PAS
CYPERMETHRIN	amt	D	0	S	PRALLETHRIN	0.4 µg/g	D	0	S
DAMINOZIDE	Any	N	0.010/0.03	PAS	PROPICONAZOLE	20 µg/g	N	0.010/0.03	PAS
DIAZINON	amt	N	0.010/0.02	PAS	PROPOXUR	Any amt	N	0.010/0.02	PAS
DICHLORVOS	Any	D	0	S	PYRETHRINS	1 µg/g	D	0	S
DIMETHOATE	amt	N	0.010/0.04	PAS	PYRIDABEN	3 µg/g	N	0.010/0.03	PAS
DIMETHOMORPH	0.5 µg/g	D	0	S	SPINETORAM	3 µg/g	D	0	S
ETHOPROPHOS	Any	N	0.010/0.04	PAS	SPIROSAD	12 µg/g	N	0.004/0.01	PAS
ETOFENPROX	amt	D	0	S	SPIROMESIFEN	13 µg/g	D	0	S
ETOXAZOLE	1 µg/g	N	0.020/0.05	PAS	SPIROTETRAMAT	Any amt	N	0.010/0.03	PAS
FENHEXAMID	1 µg/g	D	0	S	SPIROXAMINE	2 µg/g	N	0.010/0.03	PAS
FENOXYCARB	1 µg/g	N	0.010/0.03	PAS	TEBUCONAZOLE	Any amt	N	0.010/0.03	PAS
FENPYROXIMATE	Any	N	0.010/0.03	PAS	THIACLOPRID	4.5 µg/g	D	0	S
FIPRONIL	0.2	N	0	S	THIAMETHOXAM	30 µg/g	N	0.010/0.02	PAS
FLONICAMID	µg/g	D	0.010/0.03	PAS	TRIFLOXYSTROBIN		D	0	S
	Any	N	0.010/0.02	PAS			N	0.010/0.04	PAS
	amt	D	0	S			D	0	S
	Any	N	0.010/0.10	PAS			N	0.010/0.02	PAS
	amt	D	0	S			D	0	S
	20 µg/g	N	0.010/0.05	PAS			N	0.010/0.03	PAS
	Any	D	0	S			D	0	S
	amt	N	0.003/0.01	PAS			N	0.010/0.02	PAS
	Any	D	0	S			D	0	S
	amt	N	0.005/0.02	PAS			N	0.010/0.02	PAS
	1.5	D	0	S			D	0	S
	µg/g	N	0.010/0.02	PAS			N	0.010/0.02	PAS
	10 µg/g	D	0	S			D	0	S
	Any	N	0.010/0.03	PAS			N	0.010/0.02	PAS
	amt	D	0	S			D	0	S
	2 µg/g	N	0.010/0.03	PAS			N	0.010/0.03	PAS
	Any	D	0	S			N	0.010/0.03	PAS
	amt	N	0.004/0.01	PAS			D	0	S
	2 µg/g	D	0	S			N	0.020/0.07	PAS
		N	0.010/0.02	PAS			D	0	S
		D	0	S			N	0.010/0.04	PAS
		N	0.010/0.02	PAS			D	0	S
		D	0	S			N	0.010/0.02	PAS
		N	0.004/0.01	PAS			D	0	S
		D	0	S			N	0.010/0.04	PAS
		N	0.010/0.03	PAS			D	0	S
		D	0	S			N	0.010/0.02	PAS
		N	0.010/0.02	PAS			D	0	S
		D	0	S			N	0.004/0.01	PAS
		N	0.005/0.01	PAS			D	0	S
		D	0	S			N	0.004/0.01	PAS
		N	0	S			D	0	S
		N	0.010/0.04	PAS			N	0.010/0.04	PAS
		D	0	S			D	0	S



M-055, M-056: MICROBIOLOGICAL CONTAMINANTS BY QPCR // MAR 06, 2022

ANALYTE	LIMIT	AMT (CFU)	PASS/FAIL
SALMONELLA SPP.	Any amt in 1 gram	ND	PASS

ANALYTE	LIMIT	AMT (CFU)	PASS/FAIL
SHIGA TOXIN-PRODUCING E. COLI	Any amt in 1 gram	ND	PASS

M-026B: MYCOTOXINS BY LC-MS/MS // MAR 08, 2022

ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL
AFLATOXIN B1		N	2.000/10.00	N/A
		D	0	A
AFLATOXIN B2		N	4.000/10.00	N/A
		D	0	A
AFLATOXIN G2		N	5.000/10.00	N/A
		D		A

ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL
AFLATOXIN G2		N	3.000/10.000	N/A
AFLATOXINS	20	D		PASS
OCHRATOXIN A	µg/kg	N	5.000/20.000	PASS
	20	D		
	µg/kg	N		
		D		

M-053: HEAVY METALS BY ICP-MS // MAR 07, 2022

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ARSENIC	1.5	N	0.030/0.09	PAS
CADMIUM	µg/g	D	0	S
	0.5	N	0.030/0.09	PAS
	µg/g	D	0	S

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
LEAD	0.5 µg/g	N	0.020/0.07	PAS
MERCURY	3 µg/g	D	0	S
		N	0.030/0.09	PAS
		D	0	S

M-032: FOREIGN MATERIAL (VISUAL INSPECTION) // MAR 04, 2022

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
IMBEDDED FOREIGN MATERIAL	25 %	N	PAS
FRAGMENTS, HAIR, MAMMAL EXCREMENT	1 Unit	D	S
		N	PAS
		D	S

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
MOLD	25 %	N	PAS
SAND, SOIL, CINDERS, DIRT	%	D	S
	25 %	N	PAS
	%	D	S

M-028: RESIDUAL SOLVENTS BY GC-MS // MAR 08, 2022

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
1,2-DICHLOROETHANE	1 µg/g	N	0.230/0.700	PAS
ACETONE	5000 µg/g	D	15.730/47.670	S
ACETONITRILE	410 µg/g	N	36.250/109.860	PAS
BENZENE	1 µg/g	N	0.120/0.370	PAS
BUTANE	5000 µg/g	D	9.320/28.240	S
CHLOROFORM	1 µg/g	N	0.190/0.570	PAS
ETHANOL	5000 µg/g	N	30.820/93.400	PAS
ETHYL ACETATE	5000 µg/g	N	39.550/119.860	PAS
ETHYLENE OXIDE	1 µg/g	D	0.070/0.210	S
ETHYL ETHER	5000 µg/g	N	25.030/75.850	PAS
		N		PAS
		D		S
		N		PAS
		D		S
		N		PAS
		D		S
		N		PAS
		D		S
		N		PAS
		D		S

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
HEPTANE	5000 µg/g	ND	55.610/168.530	PAS
HEXANE	290 µg/g	ND	45.190/136.950	S
ISOPROPYL ALCOHOL	5000 µg/g	ND	29.740/90.130	PAS
METHANOL	3000 µg/g	ND	19.260/58.370	S
METHYLENE CHLORIDE	1 µg/g	ND	0.030/0.110	PAS
PENTANE	5000 µg/g	ND	10.940/33.150	S
PROPANE	5000 µg/g	ND	29.410/89.130	PAS
TOLUENE	890 µg/g	ND	89.410/270.990	S
TRICHLOROETHYLENE	1 µg/g	ND	0.090/0.270	PAS
TOTAL XYLENES	2170 µg/g	ND	99.490/301.470	PAS



RESULTS CERTIFIED BY: LAB DIRECTOR
AARON STANCIK, TWO RIVER LABS
MAR 09, 2022

Aaron Stancik

ALL LQC SAMPLES REQUIRED BY SECTION 15730 OF CALIFORNIA CODE OF REGULATIONS TITLE 4 DIVISION 19 DEPARTMENT OF CANNABIS CONTROL WERE PERFORMED AND MET THE ACCEPTANCE CRITERIA.





ISO17025:2017

PJLA
Testing

ISO/IEC 17025

ILAC ACCREDITED, PJLA ACCREDITED**M-026A: PESTICIDES BY LC-MS/MS**

ABAMECTIN, ACEPHATE, ACEQUINOCYL, ACETAMIPRID, ALDICARB, AZOXYSTROBIN, BIFENAZATE, BIFENTHRIN, BOSCALID, CAPTAN, CARBARYL, CARBOFURAN, CHLORANTRANILIPROLE, CHLORDANE, CHLORFENAPYR, CHLORPYRIFOS, CLOFENTEZINE, COUMAPHOS, CYFLUTHRIN, CYPERMETHRIN, DAMINOZIDE, DIAZINON, DICHLORVOS, DIMETHOATE, DIMETHOMORPH, ETHOPROPHOS, ETOFENPROX, ETOXAZOLE, FENHEXAMID, FENOXYCARB, FENPYROXIMATE, FIPRONIL, FLONICAMID, FLUDIOXONIL, HEXYTHIAZOX, IMAZALIL, IMIDACLOPRID, KRESOXIM-METHYL, MALATHION, METALAXYL, METHIOCARB, METHOMYL, METHYL PARATHION, MEVINPHOS, MYCLOBUTANIL, NALED, OXAMYL, PACLOBUTRAZOL, PENTACHLORONITROBENZENE, PERMETHRIN, PHOSMET, PIPERONYLBUTOXIDE, PRALLETHRIN, PROPICONAZOLE, PROPOXUR, PYRETHRINS, PYRETHRINS PYRETHRIN I, PYRETHRINS PYRETHRIN II, PYRIDABEN, SPINETORAM, SPINETORAM J, SPINETORAM L, SPINOSAD, SPINOSAD A, SPINOSAD D, SPIROMESIFEN, SPIROTETRAMAT, SPIROXAMINE, TEBUCONAZOLE, THACLOPRID, THIAMETHOXAM, TRIFLOXYSTROBIN

M-028: RESIDUAL SOLVENTS BY GC-MS

PROPANE, BUTANE, ETHYLENE OXIDE, METHANOL, PENTANE, ETHANOL, ETHYL ETHER, ACETONE, ISOPROPYL ALCOHOL, ACETONITRILE, METHYLENE CHLORIDE, HEXANE, ETHYL ACETATE, CHLOROFORM, BENZENE, 1,2-DICHLOROETHANE, HEPTANE, TRICHLOROETHYLENE, TOLUENE, O AND P-XYLENE, M-XYLENE, TOTAL XYLENES

M-032: FOREIGN MATERIAL (VISUAL INSPECTION)

CINDERS, DIRT, IMBEDDED FOREIGN MATERIAL, INSECT FRAGMENTS, INSECT FRAGMENTS, HAIR, MAMMAL EXCREMENT, MAMMAL EXCREMENT, MOLD, RODENT HAIR, SAND, SAND, SOIL, CINDERS, DIRT, SOIL

M-055, M-056: MICROBIOLOGICAL CONTAMINANTS BY QPCR

ESCHERICHIA COLI, SHIGA TOXIN-PRODUCING E. COLI, SALMONELLA SPP., ASPERGILLUS FLAVUS, ASPERGILLUS FUMIGATUS, ASPERGILLUS NIGER, ASPERGILLUS SPP., ASPERGILLUS TERREUS

M-024: POTENCY BY HPLC

CBDVA, CBDV, CBDA, CBGA, CBG, CBD, THCV, THCA, CBN, CBNA, DELTA-9-THC, DELTA-8-THC, CBL, CBC, THCA, CBCA, CBLA, TOTAL THC, TOTAL CBD, THC:CBD RATIO

M-026B: MYCOTOXINS BY LC-MS/MS

AFLATOXINS, AFLATOXIN B1, AFLATOXIN B2, AFLATOXIN G1, AFLATOXIN G2, OCHRATOXIN A

M-053: HEAVY METALS BY ICP-MS

CADMIUM, LEAD, ARSENIC, MERCURY

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