

CERTIFICATE OF ANALYSIS

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

PRODUCED: DEC 06, 2023

SAMPLE: MENDO CRUMBLE (FLOWER) // CLIENT: CLOVER VALLEY RANCH // BATCH: PASS



MATRIX: FLOWER
CATEGORY: INHALABLE
SAMPLE ID: 2RL-231204-098
COLLECTED ON: DEC 04, 2023
RECEIVED ON: DEC 04, 2023
SAMPLE SIZE: 15 G
RECEIVED BY: ALFRED VAN MYERS

CANNABINOID OVERVIEW

TOTAL THC:	28.1 %
TOTAL CBD:	0.0496 %
TOTAL CANNABINOIDS:	31.8 %
SUM OF CANNABINOIDS:	36.04 %

BATCH RESULT: PASS

POTENCY	TESTED	MOISTURE	TESTED
FOREIGN	PASS	MYCOTOXINS	PASS
METALS	PASS	PESTICIDES	PASS
MICROBIAL	PASS	WATER	PASS

M-024: POTENCY BY HPLC // DEC 06, 2023

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL	ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	0.0378 %	0.378 mg/g	0.0831/0.233	N/A		CBN		ND	ND	0.0277/0.233	N/A
CBCA	0.942 %	9.42 mg/g	0.109/0.233	N/A		Δ ⁸ -THC		ND	ND	0.123/0.233	N/A
CBD	ND	ND	0.0946/0.233	N/A		Δ ⁹ -THC		1.74 %	17.4 mg/g	0.0783/0.233	N/A
CBDA	0.0566 %	0.566 mg/g	0.0449/0.233	N/A		THCA		30.1 %	301 mg/g	0.0974/0.233	N/A
CBDV	ND	ND	0.0535/0.233	N/A		THCV		0.0666 %	0.666 mg/g	0.0793/0.233	N/A
CBDVA	ND	ND	0.0506/0.233	N/A		THCVA		1.23 %	12.3 mg/g	0.0802/0.233	N/A
CBG	0.127 %	1.27 mg/g	0.0993/0.233	N/A		TOTAL THC**		28.1 %	281 mg/g		N/A
CBGA	1.74 %	17.4 mg/g	0.0860/0.233	N/A		TOTAL CBD**		0.0496 %	0.496 mg/g		N/A

** TOTAL THC = DELTA-8-THC + (DELTA-8-THCA X 0.877) + DELTA-9-THC + (THCA X 0.877)

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

DRY-WEIGHT AMOUNTS SHOWN



M-026A: PESTICIDES BY LC-MS/MS // DEC 06, 2023

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL	ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ABAMECTIN	0.1 µg/g	ND	0.0117/0.0429	PASS	FLUDIOXONIL	0.1 µg/g	ND	0.0263/0.0967	PASS
ACEPHATE	0.1 µg/g	ND	0.0231/0.0851	PASS	HEXYTHIAZOX	0.1 µg/g	ND	0.0203/0.0746	PASS
ACEQUINOCYL	0.1 µg/g	ND	0.0265/0.0975	PASS	IMAZALIL	Any amt	ND	0.0195/0.0718	PASS
ACETAMIPRID	0.1 µg/g	ND	0.0128/0.0470	PASS	IMIDACLOPRID	5 µg/g	ND	0.0183/0.0673	PASS
ALDICARB	Any amt	ND	0.0251/0.0924	PASS	KRESOXIM-METHYL	0.1 µg/g	ND	0.0100/0.0368	PASS
AZOXYSTROBIN	0.1 µg/g	ND	0.0212/0.0779	PASS	MALATHION	0.5 µg/g	ND	0.0262/0.0965	PASS
BIFENAZATE	0.1 µg/g	ND	0.0251/0.0923	PASS	METALAXYL	2 µg/g	ND	0.0168/0.0620	PASS
BIFENTHRIN	3 µg/g	ND	0.0268/0.0985	PASS	METHIOCARB	Any amt	ND	0.0205/0.0755	PASS
BOSCALID	0.1 µg/g	ND	0.0233/0.0858	PASS	METHOMYL	1 µg/g	ND	0.0174/0.0642	PASS
CAPTAN	0.7 µg/g	ND	0.185/0.680	PASS	METHYL PARATHION	Any amt	ND	0.0157/0.0577	PASS
CARBARYL	0.5 µg/g	ND	0.0172/0.0632	PASS	MEVINPHOS	Any amt	ND	0.0222/0.0818	PASS
CARBOFURAN	Any amt	ND	0.0264/0.0973	PASS	MYCLOBUTANIL	0.1 µg/g	ND	0.0189/0.0697	PASS
CHLORANTRIL-IPROLE	10 µg/g	ND	0.0191/0.0703	PASS	NALED	0.1 µg/g	ND	0.0237/0.0872	PASS
CHLORDANE	Any amt	ND	0.0260/0.0956	PASS	OXAMYL	0.5 µg/g	ND	0.0230/0.0846	PASS
CHLORFENAPYR	Any amt	ND	0.0215/0.0792	PASS	PACLOBUTRAZOL	Any amt	ND	0.0199/0.0733	PASS
CHLORPYRIFOS	Any amt	ND	0.0227/0.0836	PASS	PENTACHLORONI-TROBENZENE	0.1 µg/g	ND	0.0249/0.0916	PASS
CLOFENTEZINE	0.1 µg/g	ND	0.0125/0.0461	PASS	PERMETHRIN	0.5 µg/g	ND	0.0230/0.0845	PASS
COUMAPHOS	Any amt	ND	0.0242/0.0892	PASS	PHOSMET	0.1 µg/g	ND	0.0165/0.0605	PASS
CYFLUTHRIN	2 µg/g	ND	0.0244/0.0896	PASS	PIPERONYLBUTO-XIDE	3 µg/g	ND	0.0163/0.0601	PASS
CYPERMETHRIN	1 µg/g	ND	0.0263/0.0968	PASS	PRALLETHRIN	0.1 µg/g	ND	0.0268/0.0985	PASS
DAMINOZIDE	Any amt	ND	0.0256/0.0943	PASS	PROPICONAZOLE	0.1 µg/g	ND	0.0178/0.0656	PASS
DIAZINON	0.1 µg/g	ND	0.00890/0.0329	PASS	PROPOXUR	Any amt	ND	0.0201/0.0740	PASS
DICHLORVOS	Any amt	ND	0.0202/0.0744	PASS	PYRETHRINS	0.5 µg/g	ND	0.0231/0.0848	PASS
DIMETHOATE	Any amt	ND	0.0237/0.0871	PASS	PYRIDABEN	0.1 µg/g	ND	0.0158/0.0580	PASS
DIMETHOMORPH	2 µg/g	ND	0.0129/0.0474	PASS	SPINETORAM	0.1 µg/g	ND	0.0226/0.0831	PASS
ETHOPROPHOS	Any amt	ND	0.0201/0.0741	PASS	SPINOSAD	0.1 µg/g	ND	0.0269/0.0991	PASS
ETOFENPROX	Any amt	ND	0.0240/0.0882	PASS	SPIROMESIFEN	0.1 µg/g	ND	0.0269/0.0991	PASS
ETOXAZOLE	0.1 µg/g	ND	0.0120/0.0441	PASS	SPIROTETRAMAT	0.1 µg/g	ND	0.0191/0.0703	PASS
FENHEXAMID	0.1 µg/g	ND	0.0264/0.0972	PASS	SPIROXAMINE	Any amt	ND	0.0201/0.0738	PASS
FENOXYCARB	Any amt	ND	0.0197/0.0724	PASS	TEBUCONAZOLE	0.1 µg/g	ND	0.0252/0.0927	PASS
FENPYROXIMATE	0.1 µg/g	ND	0.0252/0.0928	PASS	THIACLOPRID	Any amt	ND	0.0206/0.0759	PASS
FIPRONIL	Any amt	ND	0.0245/0.0902	PASS	THIAMETHOXAM	5 µg/g	ND	0.0117/0.0431	PASS
FLONICAMID	0.1 µg/g	ND	0.0242/0.0891	PASS	TRIFLOXYSTROB-IN	0.1 µg/g	ND	0.0127/0.0466	PASS

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M-018: MOISTURE ANALYSIS // DEC 05, 2023

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
MOISTURE		14.0	N/A

M-055, M-056: MICROBIOLOGICAL CONTAMINANTS BY QPCR // DEC 06, 2023

ANALYTE	LIMIT	AMT (CFU)	PASS/FAIL	ANALYTE	LIMIT	AMT (CFU)	PASS/FAIL
ASPERGILLUS FLAVUS	Any amt in 1 gram	ND	PASS	ASPERGILLUS TERREUS	Any amt in 1 gram	ND	PASS
ASPERGILLUS FUMIGATUS	Any amt in 1 gram	ND	PASS	SALMONELLA SPP.	Any amt in 1 gram	ND	PASS
ASPERGILLUS NIGER	Any amt in 1 gram	ND	PASS	SHIGA TOXIN-PRODUCING E. COLI	Any amt in 1 gram	ND	PASS

M-026B: MYCOTOXINS BY LC-MS/MS // DEC 06, 2023

ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL	ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL
AFLATOXIN B1		ND	0.850/3.12	N/A	AFLATOXIN G2		ND	1.61/5.91	N/A
AFLATOXIN B2		ND	1.00/3.67	N/A	AFLATOXINS	20 µg/kg	ND		PASS
AFLATOXIN G1		ND	0.990/3.65	N/A	OCHRATOXIN A	20 µg/kg	ND	3.91/14.4	PASS

M-053: HEAVY METALS BY ICP-MS // DEC 06, 2023

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL	ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ARSENIC	0.2 µg/g	< LOQ	0.0190/0.0600	PASS	LEAD	0.5 µg/g	< LOQ	0.0160/0.0520	PASS
CADMIUM	0.2 µg/g	ND	0.0170/0.0540	PASS	MERCURY	0.1 µg/g	< LOQ	0.00300/0.00900	PASS

M-066: WATER ACTIVITY BY AQUALAB 3 // DEC 05, 2023

ANALYTE	LIMIT	AMT (Aw)	PASS/FAIL
WATER ACTIVITY	0.65 Aw	0.485	PASS

M-032: FOREIGN MATERIAL (VISUAL INSPECTION) // DEC 04, 2023

ANALYTE	LIMIT	AMT (%)	PASS/FAIL	ANALYTE	LIMIT	AMT (%)	PASS/FAIL
IMBEDDED FOREIGN MATERIAL	25 %	ND	PASS	MOLD	25 %	ND	PASS
INSECT FRAGMENTS, HAIR, MAMMAL EXCREMENT	1 Unit	ND	PASS	SAND, SOIL, CINDERS, DIRT	25 %	ND	PASS



RESULTS CERTIFIED BY: LAB DIRECTOR
AARON STANCIK, TWO RIVER LABS, INC
DEC 06, 2023

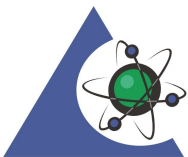
Aaron Stanik

THE RESULTS PROVIDED IN THIS REPORT ARE ONLY REPRESENTATIVE OF THE SAMPLE TESTED. 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. MEASUREMENT UNCERTAINTY IS NOT APPLIED TO ANALYTICAL RESULTS OR USED WHEN EVALUATING STATE ACTION LEVELS. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF 2 RIVER LABS

ACCREDITATIONS



ISO/IEC 17025:2017



PJLA Testing
Accreditation #105176

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, THIAACLOPRID, THIAMETHOXAM, TRIFLOXYSTROBIN

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-024: POTENCY BY HPLC
CBC, CBCA, CBD, CBDA, CBDV, CBDVA, CBG, CBGA, CBL, CBLA, CBN, CBNA, DELTA-8-THC, DELTA-9-THC, THC: CBD RATIO, THCA, THCV, THCA, TOTAL CBD, TOTAL THC

M-026B: MYCOTOXINS BY LC-MS/MS
AFLATOXIN B1, AFLATOXIN B2, AFLATOXIN G1, AFLATOXIN G2, AFLATOXINS, OCHRATOXIN A

M-053: HEAVY METALS BY ICP-MS
ARSENIC, CADMIUM, LEAD, MERCURY

M-066: WATER ACTIVITY BY AQUALAB 3
WATER ACTIVITY

M-018: MOISTURE ANALYSIS
MOISTURE



