2 RIVER LABS, INC // 3951 PERFORMANCE DR, SUITE C SACRAMENTO CA 95838 // PH: 916-251-0945
CA LICENSE #: C8-0000072-LIC

CERTIFICATE OF ANALYSIS

PRODUCED: NOV 25, 2022

SAMPLE: CROSATA (FLOWER) // **CLIENT:** ONE STRAW FARMS // **BATCH:** PASS

BATCH ID: CROSATA-001
METRC SRC UID: 1A406030001A70F000000793
MATRIX: FLOWER
CATEGORY: INHALABLE
SAMPLE ID: 2RL-221121-024
COLLECTED ON: NOV 21, 2022
RECEIVED ON: NOV 21, 2022
BATCH/SAMPLE SIZE: 13620 G / 48.6 G
SAMPLED BY: PAUL ARIAS
RECEIVED BY: ALFRED VAN MYERS

CANNABINOID OVERVIEW

TOTAL THC:	30.411 %
TOTAL CBD:	0.081 %
TOTAL CANNABINOIDS:	32.606 %
SUM OF CANNABINOIDS:	37.12 %

CULTIVATOR INFO

CULTIVATOR
ONE STRAW CULTIVATION
7374 VISTA AMOROSA RD
MOUNTAIN RANCH, CA 95246

LICENSE
CCL20-0000643
ADULT-USE - CULTIVATOR LICENSE

DISTRIBUTOR INFO

DISTRIBUTOR
ONE STRAW FARM DISTRIBUTION
7105 STE A2 VISTA AMOROSA RD
MOUNTAIN RANCH, CA 95246

LICENSE
C11-0001552-LIC
ADULT-USE - DISTRIBUTOR LICENSE

BATCH RESULT: PASS

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

M-024: POTENCY BY HPLC // NOV 23, 2022

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL	ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC		ND	ND	0.168/0.470	N/A	CBN		ND	ND	0.056/0.470	N/A
CBCA		0.296 %	2.96 mg/g	0.220/0.470	N/A	Δ^8-THC		ND	ND	0.249/0.470	N/A
CBD		ND	ND	0.191/0.470	N/A	Δ^9-THC		0.292 %	2.92 mg/g	0.158/0.470	N/A
CBDA		0.092 %	0.92 mg/g	0.091/0.470	N/A	THCA		34.343 %	343.43 mg/g	0.197/0.470	N/A
CBDV		ND	ND	0.108/0.470	N/A	THCV		ND	ND	0.160/0.470	N/A
CBDVA		0.078 %	0.78 mg/g	0.102/0.470	N/A	THCVA		0.281 %	2.81 mg/g	0.162/0.470	N/A
CBG		0.128 %	1.28 mg/g	0.200/0.470	N/A	TOTAL THC**		30.411 %	304.11 mg/g		N/A
CBGA		1.610 %	16.10 mg/g	0.173/0.470	N/A	TOTAL CBD**		0.081 %	0.81 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 // NOV 23, 2022

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ABAMECTIN	0.1 µg/g	ND	0.010/0.040	PASS
ACEPHATE	0.1 µg/g	ND	0.010/0.020	PASS
ACEQUINOCYL	0.1 µg/g	ND	0.010/0.020	PASS
ACETAMIPRID	0.1 µg/g	ND	0.010/0.030	PASS
ALDICARB	Any amt	ND	0.010/0.040	PASS
AZOXYSTROBIN	0.1 µg/g	ND	0.010/0.030	PASS
BIFENAZATE	0.1 µg/g	ND	0.010/0.030	PASS
BIFENTHRIN	3 µg/g	ND	0.010/0.020	PASS
BOSCALID	0.1 µg/g	ND	0.010/0.030	PASS
CAPTAN	0.7 µg/g	ND	0.700/0.230	PASS
CARBARYL	0.5 µg/g	ND	0.010/0.030	PASS
CARBOFURAN	Any amt	ND	0.010/0.020	PASS
CHLORANTRANIL-IPROLE	10 µg/g	ND	0.010/0.040	PASS
CHLORDANE	Any amt	ND	0.010/0.040	PASS
CHLORFENAPYR	Any amt	ND	0.020/0.050	PASS
CHLORPYRIFOS	Any amt	ND	0.010/0.030	PASS
CLOFENTEZINE	0.1 µg/g	ND	0.010/0.030	PASS
COUMAPHOS	Any amt	ND	0.010/0.020	PASS
CYFLUTHRIN	2 µg/g	ND	0.010/0.100	PASS
CYPERMETHRIN	1 µg/g	ND	0.010/0.050	PASS
DAMINOZIDE	Any amt	ND	0.003/0.010	PASS
DIAZINON	0.1 µg/g	ND	0.005/0.020	PASS
DICHLORVOS	Any amt	ND	0.010/0.020	PASS
DIMETHOATE	Any amt	ND	0.010/0.030	PASS
DIMETHOMORPH	2 µg/g	ND	0.010/0.030	PASS
ETHOPROPHOS	Any amt	ND	0.004/0.010	PASS
ETOFENPROX	Any amt	ND	0.010/0.020	PASS
ETOXAZOLE	0.1 µg/g	ND	0.010/0.020	PASS
FENHEXAMID	0.1 µg/g	ND	0.010/0.020	PASS
FENOXYCARB	Any amt	ND	0.004/0.010	PASS
FENPYROXIMATE	0.1 µg/g	ND	0.010/0.030	PASS
FIPRONIL	Any amt	ND	0.010/0.020	PASS
FLONICAMID	0.1 µg/g	ND	0.005/0.010	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
FLUDIOXONIL	0.1 µg/g	ND	0.004/0.010	PASS
HEXYTHIAZOX	0.1 µg/g	ND	0.010/0.030	PASS
IMAZALIL	Any amt	ND	0.010/0.020	PASS
IMIDACLOPRID	5 µg/g	ND	0.010/0.020	PASS
KRESOXIM-METHYL	0.1 µg/g	ND	0.010/0.020	PASS
MALATHION	0.5 µg/g	ND	0.010/0.040	PASS
METALAXYL	2 µg/g	ND	0.010/0.040	PASS
METHIOCARB	Any amt	ND	0.010/0.030	PASS
METHOMYL	1 µg/g	ND	0.005/0.020	PASS
METHYL PARATHION	Any amt	ND	0.010/0.040	PASS
MEVINPHOS	Any amt	ND	0.010/0.030	PASS
MYCLOBUTANIL	0.1 µg/g	ND	0.010/0.020	PASS
NALED	0.1 µg/g	ND	0.010/0.030	PASS
OXAMYL	0.5 µg/g	ND	0.004/0.010	PASS
PACLOBUTRAZOL	Any amt	ND	0.010/0.030	PASS
PENTACHLORONI-TROBENZENE	0.1 µg/g	ND	0.010/0.030	PASS
PERMETHRIN	0.5 µg/g	ND	0.010/0.020	PASS
PHOSMET	0.1 µg/g	ND	0.010/0.040	PASS
PIPERONYLBUTO-XIDE	3 µg/g	ND	0.010/0.020	PASS
PRALLETHRIN	0.1 µg/g	ND	0.010/0.030	PASS
PROPICONAZOLE	0.1 µg/g	ND	0.010/0.020	PASS
PROPOXUR	Any amt	ND	0.010/0.020	PASS
PYRETHRINS	0.5 µg/g	ND	0.010/0.030	PASS
PYRIDABEN	0.1 µg/g	ND	0.010/0.030	PASS
SPINETORAM	0.1 µg/g	ND	0.020/0.070	PASS
SPINOSAD	0.1 µg/g	ND	0.010/0.040	PASS
SPIROMESIFEN	0.1 µg/g	ND	0.010/0.020	PASS
SPIROTETRAMAT	0.1 µg/g	ND	0.010/0.020	PASS
SPIROXAMINE	Any amt	ND	0.010/0.040	PASS
TEBUCONAZOLE	0.1 µg/g	ND	0.010/0.020	PASS
THIACLOPRID	Any amt	ND	0.004/0.010	PASS
THIAMETHOXAM	5 µg/g	ND	0.004/0.010	PASS
TRIFLOXYSTROB-IN	0.1 µg/g	ND	0.010/0.040	PASS

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M-018: MOISTURE ANALYSIS // NOV 22, 2022

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
MOISTURE		14.166	N/A

M-055, M-056: MICROBIOLOGICAL CONTAMINANTS BY QPCR // NOV 23, 2022

ANALYTE	LIMIT	AMT (CFU)	PASS/FAIL
ASPERGILLUS FLAVUS	Any amt in 1 gram	ND	PASS
ASPERGILLUS FUMIGATUS	Any amt in 1 gram	ND	PASS
ASPERGILLUS NIGER	Any amt in 1 gram	ND	PASS
ASPERGILLUS TERREUS	Any amt in 1 gram	ND	PASS
SALMONELLA SPP.	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 // NOV 23, 2022

ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL
AFLATOXIN B1		ND	2.000/10.000	N/A
AFLATOXIN B2		ND	4.000/10.000	N/A
AFLATOXIN G1		ND	5.000/10.000	N/A
AFLATOXIN G2		ND	3.000/10.000	N/A
AFLATOXINS	20 µg/kg	ND		PASS
OCHRATOXIN A	20 µg/kg	ND	5.000/20.000	PASS

M-053: HEAVY METALS BY ICP-MS // NOV 23, 2022

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ARSENIC	0.2 µg/g	ND	0.030/0.090	PASS
CADMIUM	0.2 µg/g	ND	0.030/0.090	PASS
LEAD	0.5 µg/g	0.083	0.020/0.070	PASS
MERCURY	0.1 µg/g	ND	0.030/0.090	PASS

M-066: WATER ACTIVITY BY AQUALAB 3 // NOV 22, 2022

ANALYTE	LIMIT	AMT (Aw)	PASS/FAIL
WATER ACTIVITY	0.65 Aw	0.532	PASS

M-032: FOREIGN MATERIAL (VISUAL INSPECTION) // NOV 22, 2022

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

RESULTS CERTIFIED BY: LAB DIRECTOR
AARON STANCIK, TWO RIVER LABS, INC
NOV 25, 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. 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

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ACCREDITATIONS

ilac-MRA
ISO/IEC 17025:2017

PJLA Testing
Accreditation #106176

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, THIACLOPRID, 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
CBDVA, CBDV, CBDA, CBGA, CBG, CBD, THCV, THCVA, 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

M-066: WATER ACTIVITY BY AQUALAB 3
WATER ACTIVITY

M-018: MOISTURE ANALYSIS
MOISTURE