

# CERTIFICATE OF ANALYSIS

PRODUCED: NOV 16, 2022

SAMPLE: BULK FLOWER (FLOWER) // CLIENT: JSCA, INC. (2RL) // BATCH: PASS



**BATCH ID:** L1-RXJ-101722  
**METRC SRC UID:** 1A40603000040EE000000314  
**MATRIX:** FLOWER  
**CATEGORY:** INHALABLE  
**SAMPLE ID:** 2RL-221114-029  
**COLLECTED ON:** NOV 14, 2022  
**RECEIVED ON:** NOV 14, 2022  
**BATCH/SAMPLE SIZE:** 7679.41 G / 27.8 G  
**SAMPLED BY:** PAUL ARIAS  
**RECEIVED BY:** ALFRED VAN MYERS

CANNABINOID OVERVIEW	
<b>TOTAL THC:</b>	<b>35.283 %</b>
<b>TOTAL CBD:</b>	<b>0.087 %</b>
<b>TOTAL CANNABINOIDS:</b>	<b>37.450 %</b>
<b>SUM OF CANNABINOIDS:</b>	<b>42.585 %</b>

**CULTIVATOR INFO**

**CULTIVATOR**  
 JSCA, INC  
 1119 REAM AVE BLDG B  
 MOUNT SHASTA, CA 96067

**LICENSE**  
 C12-0000021-LIC  
 ADULT-USE - MICROBUSINESS LICENSE

**DISTRIBUTOR INFO**

**DISTRIBUTOR**  
 JSCA, INC  
 1119 REAM AVE BLDG B  
 MOUNT SHASTA, CA 96067

**LICENSE**  
 C12-0000021-LIC  
 ADULT-USE - MICROBUSINESS LICENSE

**BATCH RESULT:** PASS

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

**M-024: POTENCY BY HPLC // NOV 16, 2022**

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC		ND	ND	0.170/0.477	N/A
CBCA	0.494 %	4.94 mg/g	4.94 mg/g	0.223/0.477	N/A
CBD		ND	ND	0.194/0.477	N/A
CBDA	0.099 %	0.99 mg/g	0.99 mg/g	0.092/0.477	N/A
CBDV		ND	ND	0.110/0.477	N/A
CBDVA		ND	ND	0.104/0.477	N/A
CBG	0.252 %	2.52 mg/g	2.52 mg/g	0.204/0.477	N/A
CBGA	1.468 %	14.68 mg/g	14.68 mg/g	0.176/0.477	N/A

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBN		ND	ND	0.057/0.477	N/A
Δ <sup>8</sup> -THC		ND	ND	0.252/0.477	N/A
Δ <sup>9</sup> -THC		0.581 %	5.81 mg/g	0.160/0.477	N/A
THCA		39.569 %	395.69 mg/g	0.200/0.477	N/A
THCV		ND	ND	0.162/0.477	N/A
THCVA		0.122 %	1.22 mg/g	0.164/0.477	N/A
<b>TOTAL THC**</b>		<b>35.283 %</b>	<b>352.83 mg/g</b>		<b>N/A</b>
<b>TOTAL CBD**</b>		<b>0.087 %</b>	<b>0.87 mg/g</b>		<b>N/A</b>

\*\* TOTAL CBD = (CBDA X 0.877) + CBD  
 \*\* TOTAL THC = (THCA X 0.877) + THC  
 DRY-WEIGHT AMOUNTS SHOWN

**M-025S: TERPENES BY GC-FID // NOV 16, 2022**

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
<b>TOTAL TERPENES*</b>	1.633 %	16.33 mg/g		N/A
D-LIMONENE	0.534 %	5.34 mg/g	0.003/0.008	N/A
β-CARYOPHYLLENE	0.294 %	2.94 mg/g	0.005/0.015	N/A
LINALOOL	0.259 %	2.59 mg/g	0.002/0.007	N/A
β-MYRCENE	0.165 %	1.65 mg/g	0.002/0.006	N/A
α-HUMULENE	0.125 %	1.25 mg/g	0.004/0.013	N/A
β-PINENE	0.103 %	1.03 mg/g	0.053/0.160	N/A
α-PINENE	0.060 %	0.60 mg/g	0.001/0.004	N/A
TRANS-NEROLIDOL	0.040 %	0.40 mg/g	0.002/0.005	N/A
CAMPHENE	0.030 %	0.30 mg/g	0.001/0.002	N/A
Δ <sup>3</sup> -CARENE	0.016 %	0.16 mg/g	0.002/0.007	N/A
α-OCIMENE	0.007 %	0.07 mg/g	0.003/0.008	N/A

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
α-BISABOLOL	ND	ND	0.013/0.039	N/A
α-TERPINENE	ND	ND	0.003/0.010	N/A
β-OCIMENE	ND	ND	0.002/0.007	N/A
CARYOPHYLLENE OXIDE	ND	ND	0.004/0.011	N/A
CIS-NEROLIDOL	ND	ND	0.004/0.011	N/A
EUCALYPTOL	ND	ND	0.005/0.017	N/A
γ-TERPINENE	ND	ND	0.002/0.005	N/A
GERANIOL	ND	ND	0.004/0.013	N/A
GUAIOL	ND	ND	0.005/0.014	N/A
ISOPULEGOL	ND	ND	0.003/0.009	N/A
P-CYMENE	ND	ND	0.002/0.006	N/A
TERPINOLENE	ND	ND	0.002/0.006	N/A

\* BEYOND SCOPE OF ACCREDITATION



## M-026A: PESTICIDES BY LC-MS/MS // NOV 16, 2022

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL	ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ABAMECTIN	0.1 µg/g	ND	0.010/0.040	PASS	FLUDIOXONIL	0.1 µg/g	ND	0.004/0.010	PASS
ACEPHATE	0.1 µg/g	ND	0.010/0.020	PASS	HEXYTHIAZOX	0.1 µg/g	ND	0.010/0.030	PASS
ACEQUINOCYL	0.1 µg/g	ND	0.010/0.020	PASS	IMAZALIL	Any amt	ND	0.010/0.020	PASS
ACETAMIPRID	0.1 µg/g	ND	0.010/0.030	PASS	IMIDACLOPRID	5 µg/g	ND	0.010/0.020	PASS
ALDICARB	Any amt	ND	0.010/0.040	PASS	KRESOXIM-METHYL	0.1 µg/g	ND	0.010/0.020	PASS
AZOXYSTROBIN	0.1 µg/g	ND	0.010/0.030	PASS	MALATHION	0.5 µg/g	ND	0.010/0.040	PASS
BIFENAZATE	0.1 µg/g	ND	0.010/0.030	PASS	METALAXYL	2 µg/g	ND	0.010/0.040	PASS
BIFENTHRIN	3 µg/g	ND	0.010/0.020	PASS	METHIOCARB	Any amt	ND	0.010/0.030	PASS
BOSCALID	0.1 µg/g	ND	0.010/0.030	PASS	METHOMYL	1 µg/g	ND	0.005/0.020	PASS
CAPTAN	0.7 µg/g	ND	0.700/0.230	PASS	METHYL PARATHION	Any amt	ND	0.010/0.040	PASS
CARBARYL	0.5 µg/g	ND	0.010/0.030	PASS	MEVINPHOS	Any amt	ND	0.010/0.030	PASS
CARBOFURAN	Any amt	ND	0.010/0.020	PASS	MYCLOBUTANIL	0.1 µg/g	ND	0.010/0.020	PASS
CHLORANTRANIL-IPROLE	10 µg/g	ND	0.010/0.040	PASS	NALED	0.1 µg/g	ND	0.010/0.030	PASS
CHLORDANE	Any amt	ND	0.010/0.040	PASS	OXAMYL	0.5 µg/g	ND	0.004/0.010	PASS
CHLORFENAPYR	Any amt	ND	0.020/0.050	PASS	PACLOBUTRAZOL	Any amt	ND	0.010/0.030	PASS
CHLORPYRIFOS	Any amt	ND	0.010/0.030	PASS	PENTACHLORONI-TROBENZENE	0.1 µg/g	ND	0.010/0.030	PASS
CLOFENTEZINE	0.1 µg/g	ND	0.010/0.030	PASS	PERMETHRIN	0.5 µg/g	ND	0.010/0.020	PASS
COUMAPHOS	Any amt	ND	0.010/0.020	PASS	PHOSMET	0.1 µg/g	ND	0.010/0.040	PASS
CYFLUTHRIN	2 µg/g	ND	0.010/0.100	PASS	PIPERONYLBUTOXIDE	3 µg/g	ND	0.010/0.020	PASS
CYPERMETHRIN	1 µg/g	ND	0.010/0.050	PASS	PRALLETHRIN	0.1 µg/g	ND	0.010/0.030	PASS
DAMINOZIDE	Any amt	ND	0.003/0.010	PASS	PROPICONAZOLE	0.1 µg/g	ND	0.010/0.020	PASS
DIAZINON	0.1 µg/g	ND	0.005/0.020	PASS	PROPOXUR	Any amt	ND	0.010/0.020	PASS
DICHLORVOS	Any amt	ND	0.010/0.020	PASS	PYRETHRINS	0.5 µg/g	ND	0.010/0.030	PASS
DIMETHOATE	Any amt	ND	0.010/0.030	PASS	PYRIDABEN	0.1 µg/g	ND	0.010/0.030	PASS
DIMETHOMORPH	2 µg/g	ND	0.010/0.030	PASS	SPINETORAM	0.1 µg/g	ND	0.020/0.070	PASS
ETHOPROPHOS	Any amt	ND	0.004/0.010	PASS	SPINOSAD	0.1 µg/g	ND	0.010/0.040	PASS
ETOFENPROX	Any amt	ND	0.010/0.020	PASS	SPIROMESIFEN	0.1 µg/g	ND	0.010/0.020	PASS
ETOXAZOLE	0.1 µg/g	ND	0.010/0.020	PASS	SPIROTETRAMAT	0.1 µg/g	ND	0.010/0.020	PASS
FENHEXAMID	0.1 µg/g	ND	0.010/0.020	PASS	SPIROXAMINE	Any amt	ND	0.010/0.040	PASS
FENOXYCARB	Any amt	ND	0.004/0.010	PASS	TEBUCONAZOLE	0.1 µg/g	ND	0.010/0.020	PASS
FENPYROXIMATE	0.1 µg/g	ND	0.010/0.030	PASS	THIACLOPRID	Any amt	ND	0.004/0.010	PASS
FIPRONIL	Any amt	ND	0.010/0.020	PASS	THIAMETHOXAM	5 µg/g	ND	0.004/0.010	PASS
FLONICAMID	0.1 µg/g	ND	0.005/0.010	PASS	TRIFLOXYSTROBIN	0.1 µg/g	ND	0.010/0.040	PASS

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**M-018: MOISTURE ANALYSIS // NOV 15, 2022**

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
MOISTURE		14.825	N/A

**M-055, M-056: MICROBIOLOGICAL CONTAMINANTS BY QPCR // NOV 16, 2022**

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 // NOV 16, 2022**

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	2.000/10.000	N/A	AFLATOXIN G2		ND	3.000/10.000	N/A
AFLATOXIN B2		ND	4.000/10.000	N/A	AFLATOXINS	20 µg/kg	ND		PASS
AFLATOXIN G1		ND	5.000/10.000	N/A	OCHRATOXIN A	20 µg/kg	ND	5.000/20.000	PASS

**M-053: HEAVY METALS BY ICP-MS // NOV 16, 2022**

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	ND	0.030/0.090	PASS	LEAD	0.5 µg/g	ND	0.020/0.070	PASS
CADMIUM	0.2 µg/g	ND	0.030/0.090	PASS	MERCURY	0.1 µg/g	ND	0.030/0.090	PASS

**M-066: WATER ACTIVITY BY AQUALAB 3 // NOV 15, 2022**

ANALYTE	LIMIT	AMT (Aw)	PASS/FAIL
WATER ACTIVITY	0.65 Aw	0.545	PASS

**M-032: FOREIGN MATERIAL (VISUAL INSPECTION) // NOV 16, 2022**

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  
NOV 16, 2022

*Aaron Stanik*

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 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-025S: TERPENES BY GC-FID**

ALPHA-PINENE, CAMPHENE, BETA-MYRCENE, BETA-PINENE, DELTA-3-CARENE, ALPHA-TERPINENE, D-LIMONENE, ALPHA-OCIMENE, EUCALYPTOL, P-CYMENE, BETA-OCIMENE, GAMMA-TERPINENE, TERPINOLENE, LINALOOL, ISOPULEGOL, GERANIOL, BETA-CARYOPHYLLENE, ALPHA-HUMULENE, CIS-NEROLIDOL, TRANS-NEROLIDOL, GUAIOL, CARYOPHYLLENE OXIDE, ALPHA-BISABOLOL, TOTAL TERPENES

**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

