



CERTIFICATE OF ANALYSIS

PRODUCED: APR 24, 2023

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



**BATCH ID:** L1-GGS-032123  
**METRC SRC UID:** 1A40603000040EE000000611  
**MATRIX:** FLOWER  
**CATEGORY:** INHALABLE  
**SAMPLE ID:** 2RL-230419-040  
**COLLECTED ON:** APR 19, 2023  
**RECEIVED ON:** APR 19, 2023  
**BATCH/SAMPLE SIZE:** 10 LBS / 16.8 G  
**SAMPLED BY:** DEON BLAKLEY  
**RECEIVED BY:** ALFRED VAN MYERS

CANNABINOID OVERVIEW	
<b>TOTAL THC:</b>	<b>36.7 %</b>
<b>TOTAL CBD:</b>	<b>0.0807 %</b>
<b>TOTAL CANNABINOIDS:</b>	<b>38.7 %</b>
<b>SUM OF CANNABINOIDS:</b>	<b>44.0102 %</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 // APR 21, 2023**

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL	ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC		ND	ND	0.167/0.469	N/A	CBN	< 1 mg/g	< 1 mg/g	0.0557/0.469	N/A	
CBCA	0.320 %	3.20 mg/g	0.219/0.469	N/A		Δ <sup>8</sup> -THC	ND	ND	0.248/0.469	N/A	
CBD	ND	ND	0.190/0.469	N/A		Δ <sup>9</sup> -THC	0.518 %	5.18 mg/g	0.158/0.469	N/A	
CBDA	0.0920 %	0.920 mg/g	0.0903/0.469	N/A		THCA	41.2 %	412 mg/g	0.196/0.469	N/A	
CBDV	0.0832 %	0.832 mg/g	0.108/0.469	N/A		THCV	ND	ND	0.160/0.469	N/A	
CBDVA	< 1 mg/g	< 1 mg/g	0.102/0.469	N/A		THCVA	0.247 %	2.47 mg/g	0.161/0.469	N/A	
CBG	0.250 %	2.50 mg/g	0.200/0.469	N/A		<b>TOTAL THC**</b>	<b>36.7 %</b>	<b>367 mg/g</b>		<b>N/A</b>	
CBGA	1.30 %	13.0 mg/g	0.173/0.469	N/A		<b>TOTAL CBD**</b>	<b>0.0807 %</b>	<b>0.807 mg/g</b>		<b>N/A</b>	

\*\* 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-025S: TERPENES BY GC-FID // APR 21, 2023**

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL	ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
<b>TOTAL TERPENES</b>	<b>2.00 %</b>	<b>20.0 mg/g</b>		<b>N/A</b>	TERPINOLENE	< LOQ	< LOQ	0.125/0.375	N/A
β-CARYOPHYLLENE	0.575 %	5.75 mg/g	0.125/0.375	N/A	α-TERPINENE	ND	ND	0.125/0.375	N/A
β-MYRCENE	0.427 %	4.27 mg/g	0.125/0.375	N/A	CAMPHENE	ND	ND	0.125/0.375	N/A
LINALOOL	0.382 %	3.82 mg/g	0.125/0.375	N/A	CARYOPHYLLENE OXIDE	ND	ND	0.125/0.375	N/A
D-LIMONENE	0.248 %	2.48 mg/g	0.125/0.375	N/A	CIS-NEROLIDOL	ND	ND	0.0501/0.150	N/A
α-HUMULENE	0.209 %	2.09 mg/g	0.125/0.375	N/A	Δ <sup>3</sup> -CARENE	ND	ND	0.125/0.375	N/A
α-BISABOLOL	0.0615 %	0.615 mg/g	0.125/0.375	N/A	EUCALYPTOL	ND	ND	0.125/0.375	N/A
β-PINENE	0.0488 %	0.488 mg/g	0.125/0.375	N/A	γ-TERPINENE	ND	ND	0.125/0.375	N/A
GERANIOL	0.0416 %	0.416 mg/g	0.125/0.375	N/A	GUAIOL	ND	ND	0.125/0.375	N/A
β-OCIMENE	0.00708 %	0.0708 mg/g		N/A	ISOPULEGOL	ND	ND	0.125/0.375	N/A
α-OCIMENE	ND	ND		N/A	P-CYMENE	ND	ND	0.125/0.375	N/A
α-PINENE	< LOQ	< LOQ	0.125/0.375	N/A	TRANS-NEROLIDOL	ND	ND	0.0751/0.225	N/A



## M-026A: PESTICIDES BY LC-MS/MS // APR 21, 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	0.0100/0.0400	PASS	FLUDIOXONIL	0.1 µg/g	ND	0.00400/0.0100	PASS
ACEPHATE	0.1 µg/g	ND	0.0100/0.0200	PASS	HEXYTHIAZOX	0.1 µg/g	ND	0.0100/0.0300	PASS
ACEQUINOCYL	0.1 µg/g	ND	0.0100/0.0200	PASS	IMAZALIL	Any amt	ND	0.0100/0.0200	PASS
ACETAMIPRID	0.1 µg/g	ND	0.0100/0.0300	PASS	IMIDACLOPRID	5 µg/g	ND	0.0100/0.0200	PASS
ALDICARB	Any amt	ND	0.0100/0.0400	PASS	KRESOXIM-METHYL	0.1 µg/g	ND	0.0100/0.0200	PASS
AZOXYSTROBIN	0.1 µg/g	ND	0.0100/0.0300	PASS	MALATHION	0.5 µg/g	ND	0.0100/0.0400	PASS
BIFENAZATE	0.1 µg/g	ND	0.0100/0.0300	PASS	METALAXYL	2 µg/g	ND	0.0100/0.0400	PASS
BIFENTHRIN	3 µg/g	ND	0.0100/0.0200	PASS	METHIOCARB	Any amt	ND	0.0100/0.0300	PASS
BOSCALID	0.1 µg/g	ND	0.0100/0.0300	PASS	METHOMYL	1 µg/g	ND	0.00500/0.0200	PASS
CAPTAN	0.7 µg/g	ND	0.700/0.230	PASS	METHYL PARATHION	Any amt	ND	0.0100/0.0400	PASS
CARBARYL	0.5 µg/g	ND	0.0100/0.0300	PASS	MEVINPHOS	Any amt	ND	0.0100/0.0300	PASS
CARBOFURAN	Any amt	ND	0.0100/0.0200	PASS	MYCLOBUTANIL	0.1 µg/g	ND	0.0100/0.0200	PASS
CHLORANTRANIL-IPROLE	10 µg/g	ND	0.0100/0.0400	PASS	NALED	0.1 µg/g	ND	0.0100/0.0300	PASS
CHLORDANE	Any amt	ND	0.0100/0.0400	PASS	OXAMYL	0.5 µg/g	ND	0.00400/0.0100	PASS
CHLORFENAPYR	Any amt	ND	0.0200/0.0500	PASS	PACLOBUTRAZOL	Any amt	ND	0.0100/0.0300	PASS
CHLORPYRIFOS	Any amt	ND	0.0100/0.0300	PASS	PENTACHLORONI-TROBENZENE	0.1 µg/g	ND	0.0100/0.0300	PASS
CLOFENTEZINE	0.1 µg/g	ND	0.0100/0.0300	PASS	PERMETHRIN	0.5 µg/g	ND	0.0100/0.0200	PASS
COUMAPHOS	Any amt	ND	0.0100/0.0200	PASS	PHOSMET	0.1 µg/g	ND	0.0100/0.0400	PASS
CYFLUTHRIN	2 µg/g	ND	0.0100/0.100	PASS	PIPERONYLBUTOXIDE	3 µg/g	ND	0.0100/0.0200	PASS
CYPERMETHRIN	1 µg/g	ND	0.0100/0.0500	PASS	PRALLETHRIN	0.1 µg/g	ND	0.0100/0.0300	PASS
DAMINOZIDE	Any amt	ND	0.00300/0.0100	PASS	PROPICONAZOLE	0.1 µg/g	ND	0.0100/0.0200	PASS
DIAZINON	0.1 µg/g	ND	0.00500/0.0200	PASS	PROPOXUR	Any amt	ND	0.0100/0.0200	PASS
DICHLORVOS	Any amt	ND	0.0100/0.0200	PASS	PYRETHRINS	0.5 µg/g	ND	0.0100/0.0300	PASS
DIMETHOATE	Any amt	ND	0.0100/0.0300	PASS	PYRIDABEN	0.1 µg/g	ND	0.0100/0.0300	PASS
DIMETHOMORPH	2 µg/g	ND	0.0100/0.0300	PASS	SPINETORAM	0.1 µg/g	ND	0.0200/0.0700	PASS
ETHOPROPHOS	Any amt	ND	0.00400/0.0100	PASS	SPINOSAD	0.1 µg/g	ND	0.0100/0.0400	PASS
ETOFENPROX	Any amt	ND	0.0100/0.0200	PASS	SPIROMESIFEN	0.1 µg/g	ND	0.0100/0.0200	PASS
ETOXAZOLE	0.1 µg/g	ND	0.0100/0.0200	PASS	SPIROTETRAMAT	0.1 µg/g	ND	0.0100/0.0200	PASS
FENHEXAMID	0.1 µg/g	ND	0.0100/0.0200	PASS	SPIROXAMINE	Any amt	ND	0.0100/0.0400	PASS
FENOXYCARB	Any amt	ND	0.00400/0.0100	PASS	TEBUCONAZOLE	0.1 µg/g	ND	0.0100/0.0200	PASS
FENPYROXIMATE	0.1 µg/g	ND	0.0100/0.0300	PASS	THIACLOPRID	Any amt	ND	0.00400/0.0100	PASS
FIPRONIL	Any amt	ND	0.0100/0.0200	PASS	THIAMETHOXAM	5 µg/g	ND	0.00400/0.0100	PASS
FLONICAMID	0.1 µg/g	ND	0.00500/0.0100	PASS	TRIFLOXYSTROBIN	0.1 µg/g	ND	0.0100/0.0400	PASS

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M-018: MOISTURE ANALYSIS // APR 20, 2023

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
MOISTURE		12.3	N/A

M-055, M-056: MICROBIOLOGICAL CONTAMINANTS BY QPCR // APR 21, 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 // APR 21, 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	2.00/10.0	N/A	AFLATOXIN G2		ND	3.00/10.0	N/A
AFLATOXIN B2		ND	4.00/10.0	N/A	AFLATOXINS	20 µg/kg	ND		PASS
AFLATOXIN G1		ND	5.00/10.0	N/A	OCHRATOXIN A	20 µg/kg	ND	5.00/20.0	PASS

M-053: HEAVY METALS BY ICP-MS // APR 21, 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	ND	0.0300/0.0900	PASS	LEAD	0.5 µg/g	ND	0.0200/0.0700	PASS
CADMIUM	0.2 µg/g	ND	0.0300/0.0900	PASS	MERCURY	0.1 µg/g	ND	0.0300/0.0900	PASS

M-066: WATER ACTIVITY BY AQUALAB 3 // APR 21, 2023

ANALYTE	LIMIT	AMT (Aw)	PASS/FAIL
WATER ACTIVITY	0.65 Aw	0.481	PASS

M-032: FOREIGN MATERIAL (VISUAL INSPECTION) // APR 19, 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  
APR 24, 2023

*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

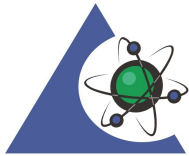
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## ACCREDITATIONS



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-025S: TERPENES BY GC-FID**

CIS-OCIMENE, TRANS-OCIMENE, 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, GUAJOL, 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, THC, 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

