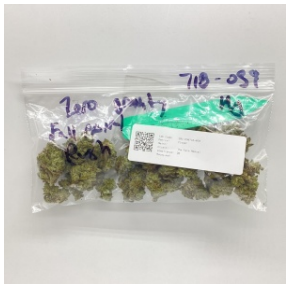


# CERTIFICATE OF ANALYSIS

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

PRODUCED: AUG 18, 2023

SAMPLE: ZERO GRAVITY (FLOWER) // CLIENT: GREEN CHIEF FARMS // BATCH: PASS



**MATRIX:** FLOWER  
**CATEGORY:** INHALABLE  
**SAMPLE ID:** 2RL-230718-059  
**COLLECTED ON:** JUL 18, 2023  
**RECEIVED ON:** JUL 18, 2023  
**SAMPLE SIZE:** 14 G  
**RECEIVED BY:** ALFRED VAN MYERS

## CANNABINOID OVERVIEW

<b>TOTAL THC:</b>	<b>22.6 %</b>
<b>TOTAL CBD:</b>	<b>&lt; LOQ %</b>
<b>TOTAL CANNABINOIDS:</b>	<b>24.0 %</b>
<b>SUM OF CANNABINOIDS:</b>	<b>27.2679 %</b>

**BATCH RESULT:** PASS

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

## M-024: POTENCY BY HPLC // JUL 19, 2023

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL	ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC		ND	ND	0.161/0.452	N/A	CBN		ND	ND	0.0537/0.452	N/A
CBCA	0.220 %	2.20 mg/g	2.20 mg/g	0.211/0.452	N/A	Δ <sup>8</sup> -THC		ND	ND	0.239/0.452	N/A
CBD		ND	ND	0.183/0.452	N/A	Δ <sup>9</sup> -THC		0.315 %	3.15 mg/g	0.152/0.452	N/A
CBDA	< 1 mg/g	< 1 mg/g	< 1 mg/g	0.0870/0.452	N/A	THCA		25.4 %	254 mg/g	0.189/0.452	N/A
CBDV		ND	ND	0.104/0.452	N/A	THCV		ND	ND	0.154/0.452	N/A
CBDVA		ND	ND	0.0981/0.452	N/A	THCVA		1.06 %	10.6 mg/g	0.156/0.452	N/A
CBG	0.0609 %	0.609 mg/g	0.609 mg/g	0.193/0.452	N/A	<b>TOTAL THC**</b>		22.6 %	226 mg/g		N/A
CBGA	0.212 %	2.12 mg/g	2.12 mg/g	0.167/0.452	N/A	<b>TOTAL CBD**</b>		< 1 mg/g	< 1 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 // JUL 19, 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	PIPERONYLBUTO-XIDE	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	TRIFLOXYSTROB-IN	0.1 µg/g	ND	0.0100/0.0400	PASS

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**M-018: MOISTURE ANALYSIS // JUL 19, 2023**

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
MOISTURE		11.8	N/A

**M-055, M-056: MICROBIOLOGICAL CONTAMINANTS BY QPCR // JUL 19, 2023**

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

ANALYTE	LIMIT	AMT (CFU)	PASS/FAIL
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 // JUL 19, 2023**

ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL
AFLATOXIN B1		ND	2.00/10.0	N/A
AFLATOXIN B2		ND	4.00/10.0	N/A
AFLATOXIN G1		ND	5.00/10.0	N/A

ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL
AFLATOXIN G2		ND	3.00/10.0	N/A
AFLATOXINS	20 µg/kg	ND		PASS
OCHRATOXIN A	20 µg/kg	ND	5.00/20.0	PASS

**M-053: HEAVY METALS BY ICP-MS // JUL 19, 2023**

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ARSENIC	0.2 µg/g	< LOQ	0.0300/0.0900	PASS
CADMIUM	0.2 µg/g	< LOQ	0.0300/0.0900	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
LEAD	0.5 µg/g	< LOQ	0.0200/0.0700	PASS
MERCURY	0.1 µg/g	ND	0.0300/0.0900	PASS

**M-066: WATER ACTIVITY BY AQUALAB 3 // JUL 20, 2023**

ANALYTE	LIMIT	AMT (Aw)	PASS/FAIL
WATER ACTIVITY	0.65 Aw	0.447	PASS

**M-032: FOREIGN MATERIAL (VISUAL INSPECTION) // JUL 18, 2023**

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

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
MOLD	25 %	ND	PASS
SAND, SOIL, CINDERS, DIRT	25 %	ND	PASS



RESULTS CERTIFIED BY: LAB DIRECTOR  
AARON STANCIK, TWO RIVER LABS, INC  
AUG 18, 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**



**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**  
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



Accreditation #105176



