

CERTIFICATE OF ANALYSIS

PRODUCED: MAY 20, 2023

SAMPLE: ALIEN RUNTZ (FLOWER) // CLIENT: TREETOP FLYERS COLLECTIVE, INC // BATCH: PASS



BATCH ID: 041423-G5.5-AR
METRC SRC UID: 1A406030004F013000000221
MATRIX: FLOWER
CATEGORY: INHALABLE
SAMPLE ID: 2RL-230517-029
COLLECTED ON: MAY 17, 2023
RECEIVED ON: MAY 17, 2023
BATCH/SAMPLE SIZE: 3990 G / 15 G
SAMPLED BY: ADRIAN MIRANDA
RECEIVED BY: CHRISSA ROGERS

CANNABINOID OVERVIEW	
TOTAL THC:	31.9 %
TOTAL CBD:	0.0542 %
TOTAL CANNABINOIDS:	33.3 %
SUM OF CANNABINOIDS:	37.838 %

CULTIVATOR INFO

CULTIVATOR
TREETOP FLYERS COLLECTIVE, INC.
11500 DOLAN ROAD, BUILDING
10/14/15
UNINCORPORATED, CA 95039

LICENSE
CCL18-0000128
ADULT-USE - CULTIVATOR LICENSE

DISTRIBUTOR INFO

DISTRIBUTOR
TREETOP FLYERS COLLECTIVE, INC
11500 DOLAN RD 10/14 BLDG
MOSS LANDING, CA 95039

LICENSE
C11-0000720-LIC
ADULT-USE - DISTRIBUTOR 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 // MAY 19, 2023

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC		ND	ND	0.168/0.471	N/A
CBCA	0.190 %	1.90 mg/g		0.220/0.471	N/A
CBD		ND	ND	0.191/0.471	N/A
CBDa	0.0618 %	0.618 mg/g		0.0907/0.471	N/A
CBDV		ND	ND	0.108/0.471	N/A
CBDVA	< 1 mg/g	< 1 mg/g		0.102/0.471	N/A
CBG	0.0662 %	0.662 mg/g		0.201/0.471	N/A
CBGA	0.955 %	9.55 mg/g		0.174/0.471	N/A

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBN		ND	ND	0.0559/0.471	N/A
Δ ⁸ -THC		ND	ND	0.249/0.471	N/A
Δ ⁹ -THC		0.637 %	6.37 mg/g	0.158/0.471	N/A
THCA		35.7 %	357 mg/g	0.197/0.471	N/A
THCV		ND	ND	0.160/0.471	N/A
THCVA		0.228 %	2.28 mg/g	0.162/0.471	N/A
TOTAL THC**		31.9 %	319 mg/g		N/A
TOTAL CBD**		0.0542 %	0.542 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-025S: TERPENES BY GC-FID // MAY 19, 2023

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
TOTAL TERPENES	2.01 %	20.1 mg/g		N/A
β-MYRCENE	0.617 %	6.17 mg/g	0.127/0.380	N/A
D-LIMONENE	0.395 %	3.95 mg/g	0.127/0.380	N/A
β-CARYOPHYLLENE	0.228 %	2.28 mg/g	0.127/0.380	N/A
LINALOOL	0.218 %	2.18 mg/g	0.127/0.380	N/A
TRANS-NEROLIDOL	0.186 %	1.86 mg/g	0.0760/0.228	N/A
α-HUMULENE	0.0862 %	0.862 mg/g	0.127/0.380	N/A
β-PINENE	0.0840 %	0.840 mg/g	0.127/0.380	N/A
GUAIOL	0.0792 %	0.792 mg/g	0.127/0.380	N/A
α-PINENE	0.0481 %	0.481 mg/g	0.127/0.380	N/A
α-BISABOLOL	0.0428 %	0.428 mg/g	0.127/0.380	N/A

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CIS-NEROLIDOL	0.0236 %	0.236 mg/g	0.0507/0.152	N/A
CAMPHENE	< LOQ	< LOQ	0.127/0.380	N/A
CARYOPHYLLENE OXIDE	< LOQ	< LOQ	0.127/0.380	N/A
GERANIOL	< LOQ	< LOQ	0.127/0.380	N/A
TERPINOLENE	< LOQ	< LOQ	0.127/0.380	N/A
α-TERPINENE	ND	ND	0.127/0.380	N/A
Δ ³ -CARENE	ND	ND	0.127/0.380	N/A
EUCALYPTOL	ND	ND	0.127/0.380	N/A
γ-TERPINENE	ND	ND	0.127/0.380	N/A
ISOPULEGOL	ND	ND	0.127/0.380	N/A
P-CYMENE	ND	ND	0.127/0.380	N/A



M-026A: PESTICIDES BY LC-MS/MS // MAY 20, 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	0.970	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 // MAY 18, 2023

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
MOISTURE		12.6	N/A

M-055, M-056: MICROBIOLOGICAL CONTAMINANTS BY QPCR // MAY 19, 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 // MAY 20, 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 // MAY 19, 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	0.0300/0.0900	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 // MAY 18, 2023

ANALYTE	LIMIT	AMT (Aw)	PASS/FAIL
WATER ACTIVITY	0.65 Aw	0.551	PASS

M-032: FOREIGN MATERIAL (VISUAL INSPECTION) // MAY 18, 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
MAY 20, 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



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

