



CERTIFICATE OF ANALYSIS

THIS IS A REVISED COA ISSUED MAY 23, 2023

SAMPLE: ZKITTLEZ PIE (PRE-ROLL) // CLIENT: JSCA, INC. (2RL) // BATCH: PASS



**BATCH ID:** PR-PIE-051723  
**METRC SRC UID:** 1A406030000659C000001227  
**MATRIX:** PRE-ROLL  
**CATEGORY:** INHALABLE  
**SAMPLE ID:** 2RL-230519-027  
**COLLECTED ON:** MAY 19, 2023  
**RECEIVED ON:** MAY 19, 2023  
**BATCH/SAMPLE SIZE:** 3000 UNITS / 13 UNITS  
**SAMPLED BY:** KYLE STORY  
**RECEIVED BY:** ALFRED VAN MYERS  
**PACKAGE SIZE:** 1.0 G

CANNABINOID OVERVIEW	
<b>TOTAL THC:</b>	<b>31.1 %</b>
<b>TOTAL CBD:</b>	<b>0.0529 %</b>
<b>TOTAL CANNABINOIDS:</b>	<b>32.3 %</b>
<b>SUM OF CANNABINOIDS:</b>	<b>36.3663 %</b>

**MANUFACTURER INFO**

**MANUFACTURER**  
 JSCA INC.  
 910 N. MOUNT SHASTA BLVD.  
 MT. SHASTA, CA 96067

**LICENSE**  
 C12-0000239-LIC  
 ADULT-USE - MICROBUSINESS LICENSE

**DISTRIBUTOR INFO**

**DISTRIBUTOR**  
 JSCA INC.  
 910 N. MOUNT SHASTA BLVD.  
 MT. SHASTA, CA 96067

**LICENSE**  
 C12-0000239-LIC  
 ADULT-USE - MICROBUSINESS LICENSE

**BATCH RESULT: PASS**

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

**M-024: POTENCY BY HPLC // MAY 22, 2023**

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL	ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC		ND	ND	0.169/0.474	N/A	Δ <sup>9</sup> -THC	3.05 %	30.5 mg/g	0.159/0.474	N/A	
CBCA	0.304 %	3.04 mg/g		0.222/0.474	N/A	THCA	32.0 %	320 mg/g	0.198/0.474	N/A	
CBD		ND	ND	0.192/0.474	N/A	THCV		ND	0.161/0.474	N/A	
CBDA	0.0603 %	0.603 mg/g		0.0914/0.474	N/A	THCVA	0.116 %	1.16 mg/g	0.163/0.474	N/A	
CBDV		ND	ND	0.109/0.474	N/A	TOTAL THC**	31.1 %	311 mg/g		N/A	
CBDVA		ND	ND	0.103/0.474	N/A	TOTAL CBD**	0.0529 %	0.529 mg/g		N/A	
CBG	0.168 %	1.68 mg/g		0.202/0.474	N/A	CBD/PKG		ND		N/A	
CBGA	0.668 %	6.68 mg/g		0.175/0.474	N/A	Δ <sup>9</sup> -THC/PKG	30.5 mg			N/A	
CBN		ND	ND	0.0564/0.474	N/A	TOTAL THC/PKG**	311 mg			N/A	
Δ <sup>8</sup> -THC		ND	ND	0.251/0.474	N/A	TOTAL CBD/PKG**	0.529 mg			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 22, 2023**

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL	ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
TOTAL TERPENES	1.68 %	16.8 mg/g		N/A	GERANIOL	< LOQ	< LOQ	0.127/0.380	N/A
TRANS-NEROLIDOL	0.496 %	4.96 mg/g	0.0759/0.228	N/A	ISOPULEGOL	< LOQ	< LOQ	0.127/0.380	N/A
β-CARYOPHYLLENE	0.382 %	3.82 mg/g	0.127/0.380	N/A	α-TERPINENE	ND	ND	0.127/0.380	N/A
LINALOOL	0.261 %	2.61 mg/g	0.127/0.380	N/A	CAMPHERE	ND	ND	0.127/0.380	N/A
CIS-NEROLIDOL	0.257 %	2.57 mg/g	0.0506/0.152	N/A	CARYOPHYLLENE OXIDE	ND	ND	0.127/0.380	N/A
α-HUMULENE	0.121 %	1.21 mg/g	0.127/0.380	N/A	Δ <sup>3</sup> -CARENE	ND	ND	0.127/0.380	N/A
D-LIMONENE	0.114 %	1.14 mg/g	0.127/0.380	N/A	EUCALYPTOL	ND	ND	0.127/0.380	N/A
α-BISABOLOL	0.0485 %	0.485 mg/g	0.127/0.380	N/A	γ-TERPINENE	ND	ND	0.127/0.380	N/A
α-PINENE	< LOQ	< LOQ	0.127/0.380	N/A	GUAIOL	ND	ND	0.127/0.380	N/A
β-MYRCENE	< LOQ	< LOQ	0.127/0.380	N/A	P-CYMELE	ND	ND	0.127/0.380	N/A
β-PINENE	< LOQ	< LOQ	0.127/0.380	N/A	TERPINOLENE	ND	ND	0.127/0.380	N/A



## M-026A: PESTICIDES BY LC-MS/MS // MAY 22, 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

2riverlabs.com



## M-018: MOISTURE ANALYSIS // MAY 21, 2023

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
MOISTURE		9.73	N/A

## M-055, M-056: MICROBIOLOGICAL CONTAMINANTS BY QPCR // MAY 23, 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 // MAY 22, 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 // MAY 22, 2023

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

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

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

ANALYTE	LIMIT	AMT (Aw)	PASS/FAIL
WATER ACTIVITY	0.65 Aw	0.401	PASS

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

## M-028: RESIDUAL SOLVENTS BY GC-MS // MAY 22, 2023

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
1,2-DICHLOROETHANE	1 µg/g	ND	0.230/0.700	PASS
ACETONE	5000 µg/g	< LOQ	15.7/47.7	PASS
ACETONITRILE	410 µg/g	ND	36.3/110	PASS
BENZENE	1 µg/g	ND	0.120/0.370	PASS
BUTANE	5000 µg/g	ND	9.32/28.2	PASS
CHLOROFORM	1 µg/g	ND	0.190/0.570	PASS
ETHANOL	5000 µg/g	ND	30.8/93.4	PASS
ETHYL ACETATE	5000 µg/g	ND	39.5/120	PASS
ETHYLENE OXIDE	1 µg/g	ND	0.0700/0.210	PASS
ETHYL ETHER	5000 µg/g	ND	25.0/75.8	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
HEPTANE	5000 µg/g	ND	55.6/169	PASS
HEXANE	290 µg/g	ND	45.2/137	PASS
ISOPROPYL ALCOHOL	5000 µg/g	ND	29.7/90.1	PASS
METHANOL	3000 µg/g	539	19.3/58.4	PASS
METHYLENE CHLORIDE	1 µg/g	ND	0.0300/0.110	PASS
PENTANE	5000 µg/g	ND	10.9/33.1	PASS
PROPANE	5000 µg/g	ND	29.4/89.1	PASS
TOLUENE	890 µg/g	ND	89.4/271	PASS
TRICHLOROETHYLENE	1 µg/g	ND	0.0900/0.270	PASS
TOTAL XYLENES	2170 µg/g	ND	99.5/301	PASS



RESULTS CERTIFIED BY: LAB DIRECTOR  
AARON STANCIK, TWO RIVER LABS, INC  
MAY 23, 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



## 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-026B: MYCOTOXINS BY LC-MS/MS**

AFLATOXINS, AFLATOXIN B1, AFLATOXIN B2, AFLATOXIN G1, AFLATOXIN G2, OCHRATOXIN A

**M-018: MOISTURE ANALYSIS**

MOISTURE

**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-CYME, BETA-OCIMENE, GAMMA-TERPINENE, TERPINOLENE, LINALOOL, ISOPULEGOL, GERANIOL, BETA-CARYOPHYLLENE, ALPHA-HUMULENE, CIS-NEROLIDOL, TRANS-NEROLIDOL, GUAJOL, CARYOPHYLLENE OXIDE, ALPHA-BISABOLOL, TOTAL TERPENES

**M-028: RESIDUAL SOLVENTS BY GC-MS**

PROPANE, BUTANE, ETHYLENE OXIDE, METHANOL, PENTANE, ETHANOL, ETHYL ETHER, ACETONE, ISOPROPYL ALCOHOL, ACETONITRILE, METHYLENE CHLORIDE, HEXANE, ETHYL ACETATE, CHLOROFORM, BENZENE, 1,2-DICHLOROETHANE, HEPTANE, TRICHLOROETHYLENE, TOLUENE, O- AND P-XYLENE, M-XYLENE, TOTAL XYLENES

**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-053: HEAVY METALS BY ICP-MS**

CADMIUM, LEAD, ARSENIC, MERCURY

**M-066: WATER ACTIVITY BY AQUALAB 3**

WATER ACTIVITY

