

Moistur NT Water Acti NT	2.47 mg/ur	nit 2.5	CBD <b>1 mg/unit</b>	Total Cannabinoids <b>4.97 mg/unit</b>	Sum of Cannabinoids <b>4.97 mg/unit</b>	Total Terpenes NT
resticides	SOP Used POT-PREP-002 RS-PREP-001 MICRO-PREP-001 PESTMYCO-LC-PREP-001 HM-PREP-001 FM-PREP-001 CO-PESTMYCO-LC-PREP- 001 / CO-PEST-GC-PREP- 001	Date Tested 07/03/2024 07/03/2024 07/02/2024 07/02/2024 07/03/2024 07/02/2024	Pass Complete Pass Pass Pass Pass Pass Pass Pass		Sc	an to see results

#### **Cannabinoid Profile**

1 Unit = can, 365.63 g. 1 mL = 1 g.

												U	Ŭ
Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	mg/mL	mg/unit	Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g i	ng/mL r	ng/unit
THCa	0.0128	0.0043	ND	ND	ND	ND	CBE	0.0104	0.0005	ND	ND	ND	ND
∆9-THC	0.0046	0.0010	0.001	0.01	0.01	2.47	CBGa	0.0046	0.0015	ND	ND	ND	ND
∆8-THC	0.0046	0.0014	ND	ND	ND	ND	CBG	0.0046	0.0005	ND	ND	ND	ND
THCVa	0.0046	0.0011	ND	ND	ND	ND	CBLa	0.0218	0.0073	ND	ND	ND	ND
THCV	0.0046	0.0006	ND	ND	ND	ND	CBL	0.0046	0.0010	ND	ND	ND	ND
∆8-THCV	0.0101	0.0002	ND	ND	ND	ND	CBNa	0.0046	0.0011	ND	ND	ND	ND
CBDa	0.0049	0.0016	ND	ND	ND	ND	CBN	0.0046	0.0005	ND	ND	ND	ND
CBD	0.0046	0.0008	0.001	0.01	0.01	2.51	CBT	0.0097	0.0032	ND	ND	ND	ND
CBDVa	0.0058	0.0019	ND	ND	ND	ND	9R-HHC	0.0089	0.0003	ND	ND	ND	ND
CBDV	0.0046	0.0004	ND	ND	ND	ND	9S-HHC	0.0091	0.0005	ND	ND	ND	ND
CBDB	0.0104	0.0004	ND	ND	ND	ND	∆9-THC	0.0101	0.0003	ND	ND	ND	ND
CBDp	0.0104	0.0004	ND	ND	ND	ND	Acetate	0.0101	0.0005	ND	ND	ND	ND
CBCa	0.0167	0.0056	ND	ND	ND	ND	∆8-THC	0.0100	0.0004	ND	ND	ND	ND
CBC	0.0076	0.0025	ND	ND	ND	ND	Acetate	0.0100	0.000+	ND	ND	ND	ND
CBCV	0.0046	0.0012	ND	ND	ND	ND	HHC-O	0.0093	0.0006	ND	ND	ND	ND
							Acetate						
							THD	0.0097	0.0003	ND	ND	ND	ND
							Total THC			0.00	0.01	0.01	2.47
							Total CBD			0.00	0.01	0.01	2.51
							Total			0.00	0.01	0.01	4.97
Total THC = THCa * 0	.877 + d9-THC; Tota	I CBD = CBDa * 0.8	77 + CBD.	NR = Not	Reported, N	D = Not Dete	ct Sul Mode ncy is rep	orted on a dry weight	basis. Instrumenta	tion an <b>d ana</b> lysis	SORs psed:	Cananappin	oids <b>4 97</b>
UHPLC-DAD (POT-IN	IST-005), Moisture: I	Moisture Analyzer (	MOISTUR	RE-001). T	he measurem	nent of uncert	a <u>Gannabinqids</u>	concentration is ± 0.0	009%.	0.00	0.01	0.01	
Tornono D	)roflo												

#### **Terpene Profile**

Analyte	LOQ (mg/g)	LOD (mg/g) %	mg/g	Analyte	LOQ (mg/g)	LOD (mg/g) %	mg/g
				-			

NR = Not Reported (no analysis was performed); ND = Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: HS-GC-MS; samples analyzed according to SOP CO-TERP-INST-003.



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Josh M Swider

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Josh Swider Lab Director, Managing Partner 07/03/2024



### Certificate of Analysis

ICAL ID: 20240702-001 Sample: CA240702-001-001 Orange Mango Strain: Orange Mango Category: Ingestible Type: Beverage Climbing Kites, LLC Lic. # P.O. Box 655 Salida, CO 81201

Lic.#

2 of 4

Batch#: 4176 Batch Size Collected: Total Batch Size: Collected: 07/03/2024; Received: 07/03/2024 Completed: 07/03/2024

#### **Residual Solvent Analysis**

Category 1	LOQ LOD I	Limit S	tatus	Category 2		LOQ	LOD	Limit	Status	Category 2		LOQ	LOD	Limit	Status
	<b>µg/g</b> µg/g µg/g	µg/g			µg/g	µg/g	µg/g	µg/g			µg/g	µg/g	µg/g	µg/g	
1,2-Dichloro-Ethane	NR 0.264 0.088	1	NT	Acetone	NR	51.246	0.716	5000	NT	n-Hexane	NR	0.281	0.027	290	NT
Benzene	NR 0.052 0.017	1	NT	Acetonitrile	NR	0.42	0.14	410	NT	Isopropanol	NR	2.86	0.614	5000	NT
Chloroform	NR 0.076 0.025	1	NT	Butane	NR	4.849	0.748	5000	NT	Methanol	NR	2.602	0.867	3000	NT
Ethylene Oxide	NR 0.579 0.179	1	NT	Ethanol	NR	7.575	2.525	5000	NT	Pentane	NR	5.075	1.692	5000	NT
Methylene-Chloride	NR 0.729 0.08	1	NT	Ethyl-Acetate	NR	2.288	0.175	5000	NT	Propane	NR	9.709	3.236	5000	NT
Trichloroethene	NR 0.145 0.028	1	NT	Ethyl-Ether	NR	2.869	0.389	5000	NT	Toluene	NR	0.864	0.067	890	NT
				Heptane	NR	2.859	0.496	5000	NT	Xylenes	NR	2.572	0.326	2170	NT

NR = Not Reported (no analysis was performed), ND = Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: HS-GC-MS; samples analyzed according to SOP CO-RS-INST-003.

#### Heavy Metal Screening

		LOQ	LOD	Limit	Status
	µg/g	µg/g	µg/g	µg/g	
Arsenic	ND	0.009	0.003	1.5	Pass
Cadmium	ND	0.002	0.001	0.5	Pass
Lead	ND	0.004	0.001	0.5	Pass
Mercury	ND	0.014	0.005	1.5	Pass

NR = Not Reported (no analysis was performed), ND = Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: ICP-MS; samples analyzed according to SOP CO-HM-INST-003.

#### **Microbiological Screening**

	Limit	Result	<u>Status</u>
	CFU/g	CFU/g	
Salmonella SPP		Not Detected	Pass
STEC		Not Detected	Pass
Total Coliforms	100	NR	NT
Total Aerobic Plate Count	10000	NR	NT
Total Yeast and Mold	1000	NR	NT

ND=Not Detected. Analytical instrumentation used: qPCR and microbial plating; samples analyzed according to SOPs CO-MICRO-PREP-001 and CO-MICRO-PLATE-001.



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Josh Swider Lab Director, Managing Partner 07/03/2024



## **Certificate of Analysis**

ICAL ID: 20240702-001 Sample: CA240702-001-001 Orange Mango Strain: Orange Mango Category: Ingestible Type: Beverage

Climbing Kites, LLC Lic.# P.O. Box 655 Salida, CO 81201

Lic.#

3 of 4

Batch#: 4176 Batch Size Collected: Total Batch Size: Collected: 07/03/2024; Received: 07/03/2024 Completed: 07/03/2024

#### **Chemical Residue Screening**

Category 1		LOQ	LOD	Status
	µg/g	µg/g	µg/g	
Aldicarb	ND	0.030	0.010	Pass
Carbofuran	ND	0.010	0.005	Pass
Chlorfenapyr	ND	0.024	0.008	Pass
Chlorpyrifos	ND	0.075	0.010	Pass
Coumaphos	ND	0.010	0.005	Pass
Daminozide	ND	0.075	0.050	Pass
Dichlorvos	ND	0.050	0.020	Pass
Dimethoate	ND	0.010	0.005	Pass
Ethoprophos	ND	0.010	0.005	Pass
Etofenprox	ND	0.030	0.010	Pass
Fenoxycarb	ND	0.010	0.005	Pass
Fipronil	ND	0.010	0.005	Pass
Imazalil	ND	0.010	0.005	Pass
Methiocarb	ND	0.010	0.005	Pass
Mevinphos	ND	0.025	0.010	Pass
MGK-264	ND	0.016	0.005	Pass
Paclobutrazol	ND	0.010	0.005	Pass
Parathion Methyl	ND	0.026	0.009	Pass
Propoxur	ND	0.010	0.005	Pass
Spiroxamine	ND	0.030	0.020	Pass
Thiacloprid	ND	0.010	0.005	Pass

<u>s</u>	Mycotoxins		LOQ	LOD	Limit	Status
		µg/kg	µg/kg	µg/kg	µg/kg	
s	B1	ND	7.88	2.6		Tested
s	B2	ND	6.18	2.04		Tested
s	G1	ND	8.99	2.97		Tested
s	G2	ND	5.72	1.89		Tested
s	Ochratoxin A	ND	11.72	3.87	20	Pass
S	Total Aflatoxins	ND			20	Pass

Category 2		LOQ	LOD	Limit	Status	Category 2		LOQ	LOD	Limit	Status
	µg/g	µg/g	µg/g	µg/g			µg/g	µg/g	µg/g	µg/g	
Abamectin	ND	0.100	0.050	0.25	Pass	Kresoxim Methyl	ND	0.030	0.010	0.15	Pass
Acephate	ND	0.030	0.010	0.05	Pass	Malathion	ND	0.010	0.005	0.01	Pass
Acequinocyl	ND	0.075	0.020	0.075	Pass	Metalaxyl	ND	0.010	0.005	0.01	Pass
Acetamiprid	ND	0.030	0.010	0.05	Pass	Methomyl	ND	0.025	0.010	0.025	Pass
Azoxystrobin	ND	0.010	0.005	0.01	Pass	Myclobutanil	ND	0.010	0.005	0.01	Pass
Bifenazate	ND	0.010	0.005	0.01	Pass	Naled	ND	0.030	0.020	0.03	Pass
Bifenthrin	ND	0.030	0.005	0.03	Pass	Oxamyl	ND	0.030	0.020	1.5	Pass
Boscalid	ND	0.010	0.005	0.01	Pass	Pentachloronitrobenzene	ND	0.016	0.005	0.016	Pass
Carbaryl	ND	0.025	0.010	0.025	Pass	Permethrin	ND	0.030	0.020	0.03	Pass
Chlorantraniliprole	ND	0.030	0.010	0.03	Pass	Phosmet	ND	0.030	0.020	0.03	Pass
Clofentezine	ND	0.010	0.005	0.01	Pass	Piperonyl Butoxide	ND	0.030	0.010	1.25	Pass
Cyfluthrin	ND	0.038	0.013	0.0384	Pass	Prallethrin	ND	0.075	0.030	0.075	Pass
Cypermethrin	ND	0.053	0.018	0.0525	Pass	Propiconazole	ND	0.030	0.010	0.03	Pass
Diazinon	ND	0.030	0.010	0.03	Pass	Pyrethrins	ND	0.045	0.010	0.045	Pass
Dimethomorph	ND	0.030	0.010	0.03	Pass	Pyridaben	ND	0.020	0.010	0.02	Pass
Etoxazole	ND	0.030	0.010	0.03	Pass	Spinetoram	ND	0.010	0.005	0.01	Pass
Fenhexamid	ND	0.045	0.020	0.045	Pass	Spinosad	ND	0.010	0.005	0.01	Pass
Fenpyroximate	ND	0.030	0.010	0.03	Pass	Spiromesifen	ND	0.030	0.010	0.03	Pass
Flonicamid	ND	0.025	0.010	0.025	Pass	Spirotetramat	ND	0.010	0.005	0.01	Pass
Fludioxonil	ND	0.010	0.005	0.01	Pass	Tebuconazole	ND	0.010	0.005	0.01	Pass
Hexythiazox	ND	0.030	0.010	0.03	Pass	Thiamethoxam	ND	0.010	0.005	0.01	Pass
Imidacloprid	ND	0.010	0.005	0.01	Pass	Trifloxystrobin	ND	0.010	0.005	0.01	Pass

#### Other Analyte(s): Does not contain synthetic cannabinoids

NR = Not Reported (no analysis was performed), ND = Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: LC-MS-MS & GC-MS-MS; samples analyzed according to SOPs CO-PESTMYCO-LC-INST-004 and CO-PEST-GC-INST-004 and CO-PEST-GC-INST-003.



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Josh Swider Lab Director, Managing Partner 07/03/2024

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## Certificate of Analysis

ICAL ID: 20240702-001 Sample: CA240702-001-001 Orange Mango Strain: Orange Mango Category: Ingestible Type: Beverage Climbing Kites, LLC Lic. # P.O. Box 655 Salida, CO 81201

Lic.#

4 of 4

Batch#: 4176 Batch Size Collected: Total Batch Size: Collected: 07/03/2024; Received: 07/03/2024 Completed: 07/03/2024

#### **Chemical Residue Screening**

Head <th< th=""><th>Analytes</th><th></th><th>LOQ</th><th>LOD</th><th>Limit</th><th>Status</th><th>Analytes</th><th></th><th>LOQ</th><th>LOD</th><th>Limit</th><th>Status</th></th<>	Analytes		LOQ	LOD	Limit	Status	Analytes		LOQ	LOD	Limit	Status
Acceptate ND 0.03 0.010 0.050 Pass Hexythiazox ND 0.005 0.005 0.010 Pass   Acceluincyl ND 0.030 0.010 0.050 Pass Hexythiazox ND 0.033 0.010 Pass   Acceluincyl ND 0.030 0.010 0.050 Pass Impacidiont ND 0.010 0.033 0.010 Pass   Alleitrin ND 0.050 0.005 Pass Kinoprene ND 0.030 0.010 0.050 Pass   Azadirachtin ND 0.010 0.005 0.010 Pass Metalytrin ND 0.030 0.010 Pass   Bifenazate ND 0.000 0.000 0.010 Pass Metalytrin ND 0.010 0.025 0.010 Pass Metalytrin ND 0.025 0.010 0.025 0.010 0.025 0.010 0.025 0.010 0.025 0.010 0.025 0.010 0.	Abamectin	µg/g ND				Pass	Fludioxonil	µg/g ND	μg/g 0.010		μg/g 0.010	Pass
Acctaminoryl ND 0.075 0.020 0.075 Pass Hexythiazox ND 0.030 0.010 0.030 Pass   Addicarb ND 0.030 0.010 0.050 0.010 0.025 0.010 0.025 0.010 Pass   Aldicarb ND 0.030 0.010 0.050 0.010 0.005 0.010 Pass   Aldicarb ND 0.030 0.030 0.030 Pass Imidacloprid ND 0.030 0.010 0.055 Pass   Acadirachtin ND 0.030 0.030 0.030 Pass Madad-Cyhalothrin ND 0.030 0.055 Pass   Bifenzate ND 0.030 0.030 0.030 Pass Madad-Cyhalothrin ND 0.010 0.005 0.010 Pass Bass Methomale Cyhalothrin ND 0.010 0.005 0.010 Pass Earbaryl ND 0.010 0.005 0.010 Pass Earbaryl ND 0.0210 </td <td></td>												
Acetamiprid ND 0.030 0.010 0.050 Pass Imiziali ND 0.010 0.005 0.010 Pass   Alletarb ND 0.030 0.010 0.500 Pass Imidacloprid ND 0.010 0.005 0.010 Pass   Allettrin ND 0.030 0.010 0.050 0.010 Pass Allettrin ND 0.021 0.074 1.250 Pass   Azadrachtin ND 0.030 0.005 0.010 Pass Malithinin ND 0.010 0.010 0.010 Pass Malithinin ND 0.010 0.005 0.010 Pass Melinprint ND 0.010 0.005 0.010 Pass Melinprint ND 0.010 0.025 0.010 Pass Melinprint ND 0.025 <												
Aldicarb ND 0.030 0.010 0.500 Pass Imidacloprid ND 0.005 0.010 Pass   Alrazine ND 0.030 0.015 0.005 0.005 Pass Iprodione ND 0.025 0.074 1.250 Pass   Azadirachtin ND 0.030 0.010 0.005 0.010 Pass Lambda-Cyhalothrin ND 0.030 0.010 0.150 Pass   Azovstrubin ND 0.010 0.005 0.010 Pass Lambda-Cyhalothrin ND 0.010 0.005 0.010 Pass   Bitenthrin ND 0.030 0.015 0.030 Pass Methoprene ND 0.010 0.005 0.010 Pass Saptan ND 0.025 0.010 0.025 Pass Saptan ND 0.030 0.010 0.025 0.010 0.025 Pass Saptan ND 0.030 0.010 0.025 0.010 0.025 Pass Saptan <												
Allethrin ND 0.030 0.015 0.100 Pass Iprodioné ND 0.475 0.158 0.500 Pass   Atrazine ND 0.055 0.005 0.050 Pass Kirsovim Methyl ND 0.221 0.741 1.250 Pass   Azovystrobin ND 0.010 0.005 0.010 Pass Malada-Cyhalothrin ND 0.030 0.010 0.030 0.010 Pass Malathion ND 0.010 0.005 0.010 Pass Malathion ND 0.010 0.005 0.010 Pass Methodary ND 0.010 0.005 0.010 Pass Methodary ND 0.010 0.010 Pass Methodary ND 0.010 0.025 0.010 Pass Methodary ND 0.010 0.025 0.010 Pass Methodary ND 0.010 0.025 0.010 Pass Methodary ND 0.010 0.005 0.010 Pass Carbaryl ND										0.005		
Azadirachtin ND 0.050 0.030 0.050 Pass Azowystrobinin ND 0.030 0.010 0.030 0.010 0.030 </td <td></td>												
Azoxystrobin ND 0.010 0.005 0.010 Pass Lambda-Cyhalchrin ND 0.050 0.030 0.050 Pass   Bifenzarde ND 0.010 0.005 0.010 Pass Metalaxyl ND 0.010 0.005 0.010 Pass   Bifenthrin ND 0.010 0.005 0.010 Pass Methocarb ND 0.010 0.005 0.010 Pass   Boscalid ND 0.010 0.005 0.010 Pass Methogram ND 0.025 0.010 0.025 Pass   Carbaryl ND 0.025 0.010 0.025 Pass Methogram ND 0.010 0.025 Pass Methogram ND 0.010 0.025 Pass Methogram ND 0.010 0.025 Pass Carbaryl ND 0.010 0.005 ND 0.025 ND ND 0.010 ND ND 0.010 ND ND ND ND ND	Atrazine	ND	0.005	0.005	0.005	Pass	Kinoprene	ND	0.221	0.074	1.250	Pass
Azoxystrobin ND 0.010 0.005 0.010 Pass Lambdz-Cyhaldtrin ND 0.050 0.030 0.050 Pass   Bifenzzie ND 0.010 0.005 0.010 Pass Metalaxyl ND 0.010 0.005 0.010 Pass   Bifenthrin ND 0.030 0.030 0.010 Pass Methocarb ND 0.010 0.025 0.010 Pass   Boscalid ND 0.033 0.012 0.030 Pass Methograp ND 0.025 0.010 0.025 0.025 Pass   Cabary ND 0.033 0.010 0.030 Pass Methograp ND 0.025 0.0125 Pass   Chlordance ND 0.030 0.025 0.025 Pass Nacle ND 0.020 0.010 Pass Chlordanc ND 0.020 0.010 Pass Chlordanc ND 0.020 0.010 Pass Chlordin ND 0.010	Azadirachtin	ND	0.050	0.030	0.500	Pass	Kresoxim Methyl	ND	0.030	0.010	0.150	Pass
Bifenazate ND 0.010 0.005 0.010 Pass Metalaxyl ND 0.010 0.005 0.010 Pass   Boscalid ND 0.030 0.005 0.010 Pass Methiocarb ND 0.010 0.025 0.010 Pass   Boscalid ND 0.030 0.035 0.015 0.030 Pass Methoprene ND 0.025 0.050 0.025 0.050 0.025 0.050 0.025 0.050 0.025 0.010 0.025 0.030 Methoprene ND 0.025 0.010 0.025 0.010 0.025 0.010 0.025 0.010 0.025 0.010 0.025 0.010 0.025 0.010 0.025 0.010 0.025 0.010 0.025 0.010 0.025 0.010 0.025 0.010 Pass McK/264 ND 0.010 0.005 0.010 Pass Noaluin ND 0.026 0.020 0.030 Pass Noaluin ND 0.026 <td>Azoxystrobin</td> <td>ND</td> <td>0.010</td> <td>0.005</td> <td>0.010</td> <td>Pass</td> <td></td> <td>ND</td> <td>0.050</td> <td>0.030</td> <td>0.050</td> <td>Pass</td>	Azoxystrobin	ND	0.010	0.005	0.010	Pass		ND	0.050	0.030	0.050	Pass
Bifenthrin ND 0.030 0.005 0.010 Pass Methomyl ND 0.010 0.005 0.010 Pass   Bugrofezin ND 0.030 0.015 0.030 Pass Methomyl ND 0.055 0.025 0.010 0.225 Pass   Carbaryl ND 0.025 0.010 0.025 Pass Methoprene ND 0.025 0.010 0.025 Pass   Carbaryl ND 0.025 0.010 0.025 Pass Methoprene ND 0.010 0.025 0.010 Pass Neyclobutanil ND 0.030 0.020 0.010 0.025 0.010 Pass Novaluron ND 0.030 0.020 0.101 0.022 Pass Novaluron ND 0.030 0.021 1.000 Pass Paclobutrazol ND 0.030 0.022 Pass Paclobutrazol ND 0.030 0.022 Pass Paclobutrazol ND 0.030 0.010 0.030	Benzovindiflupyr		0.005	0.005	0.010	Pass	Malathion	ND	0.010	0.005		Pass
Boscalidi ND 0.010 0.005 0.010 Pass Methoprene ND 0.025 0.025 Pass   Captan ND 0.358 0.100 0.030 Pass Methoprene ND 0.025 0.025 Pass   Carbaryl ND 0.025 0.010 0.025 Pass McK-264 ND 0.010 0.005 0.020 Pass   Carbaryl ND 0.010 0.005 0.010 Pass McK-264 ND 0.010 0.005 0.010 Pass   Chlordnane ND 0.010 0.005 0.025 Pass Naurun ND 0.020 0.010 Pass   Chlorfenapyr ND 0.027 0.025 0.025 Pass Parathion Methyl ND 0.010 0.026 Pass   Clofentzrine ND 0.010 0.005 0.025 Pass Parathion Methyl ND 0.012 0.026 Pass   Coumaphes ND 0.010	Bifenazate	ND	0.010	0.005	0.010	Pass	Metalaxyl	ND	0.010	0.005	0.010	Pass
Buprofezin ND 0.030 0.013 0.030 Pass Metrophos ND 0.025 0.025 0.025 Pass   Carbaryl ND 0.025 0.010 0.025 0.010 0.025 Pass   Carbofuran ND 0.010 0.005 0.010 Pass Metrophos ND 0.010 0.005 0.010 Pass   Chordnare ND 0.030 0.010 0.025 Pass Novaluron ND 0.020 0.020 Pass   Chlordnare ND 0.024 0.008 1.500 Pass Nation ND 0.020 0.025 Pass   Chlordnif ND 0.010 0.005 0.010 Pass Partinio Methyl ND 0.026 0.009 Pass   Coltanidin ND 0.010 0.005 0.010 Pass Pertachloronitrobenzene ND 0.016 0.030 0.026 Pass   Cytantraniliprole ND 0.010 0.005 <t< td=""><td>Bifenthrin</td><td></td><td></td><td></td><td></td><td></td><td>Methiocarb</td><td></td><td></td><td></td><td></td><td>Pass</td></t<>	Bifenthrin						Methiocarb					Pass
Caitban ND 0.358 0.120 5.000 Pass McK-264 ND 0.025 0.010 0.025 Pass   Carboryna ND 0.010 0.005 0.010 Pass McK-264 ND 0.010 0.005 0.010 Pass   Chlorantranilipole ND 0.075 0.025 0.285 Naled ND 0.020 0.010 0.025 Pass   Chlordnane ND 0.075 0.025 0.255 Pass Oxamyl ND 0.020 0.010 0.025 Pass   Chlorfnanger ND 0.075 0.010 0.500 Pass Oxamyl ND 0.010 0.005 0.010 Pass Calchutrazol ND 0.016 0.005 0.016 Pass Catharyl ND 0.016 0.005 0.016 Pass Catharyl ND 0.030 0.016 0.030 Pass Catharyl ND 0.030 0.016 0.030 Pass Catharyl ND	Boscalid			0.005		Pass	Methomyl					Pass
Carboryl ND 0.025 0.010 0.025 Pass Myclobutanil ND 0.016 0.005 0.050 Pass   Carbofurantraniliprole ND 0.030 0.010 0.030 Pass Naled ND 0.030 0.020 0.030 Pass   Chlordane ND 0.075 0.025 Pass Novaluron ND 0.030 0.020 0.030 Pass   Chlordprifts ND 0.024 0.008 1.500 Pass Daxmyl ND 0.005 0.010 Pass Calchurzol ND 0.010 0.005 0.010 Pass Parachornitrobenzane ND 0.016 0.005 Pass Parathorn Methyl ND 0.016 0.005 Pass Cantanitroin ND 0.030 0.020 0.030 0.020 0.030 Pass Cantanitroin ND 0.030 0.020 0.030 Pass Cantanitroin ND 0.030 0.020 0.030 0.020 0.030 Pass Cantanitroin ND 0.030												
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Etoxazole ND 0.030 0.010 0.030 Pass Tebuconazole ND 0.010 0.005 0.010 Pass   Etridiazole ND 0.044 0.015 0.150 Pass Tebufenozide ND 0.010 0.005 0.010 Pass   Fenhexamid ND 0.045 0.020 0.045 Pass Teflubenzuron ND 0.010 0.005 0.010 Pass   Fenoxycarb ND 0.010 0.005 0.010 Pass Tetrachlorvinphos ND 0.010 0.005 0.010 Pass   Fenoxycarb ND 0.010 0.005 0.010 Pass Tetrachlorvinphos ND 0.010 0.005 0.010 Pass   Fensulfothion ND 0.010 0.005 0.010 Pass Thiabendazole ND 0.010 0.005 0.010 Pass   Fensulfothion ND 0.402 0.134 0.402 Pass Thiabendazole ND 0.010 <t< td=""><td>Etofenprox</td><td>ND</td><td>0.030</td><td>0.010</td><td>0.030</td><td></td><td>Spiroxamine</td><td>ND</td><td>0.030</td><td>0.020</td><td>0.030</td><td>Pass</td></t<>	Etofenprox	ND	0.030	0.010	0.030		Spiroxamine	ND	0.030	0.020	0.030	Pass
Fenhexamid ND 0.045 0.020 0.045 Pass Teflubenzuron ND 0.020 0.010 0.025 Pass   Fenoxycarb ND 0.010 0.005 0.010 Pass Tetrachlorvinphos ND 0.010 0.025 Pass   Fenoxycarb ND 0.010 0.005 0.010 Pass Tetrachlorvinphos ND 0.010 0.025 0.010 Pass   Fenoxycarb ND 0.010 0.005 0.010 Pass Tetramethrin ND 0.010 0.005 0.010 Pass   Fensulfothion ND 0.010 0.005 0.010 Pass Thiabendazole ND 0.010 0.005 0.010 Pass   Fenthion ND 0.007 0.002 0.010 Pass Thiacloprid ND 0.010 0.005 0.010 Pass   Fenvalerate ND 0.402 0.134 0.402 Pass Thiaphanate-Methyl ND 0.010 0.020 <t< td=""><td></td><td>ND</td><td>0.030</td><td>0.010</td><td>0.030</td><td>Pass</td><td></td><td>ND</td><td>0.010</td><td>0.005</td><td>0.010</td><td>Pass</td></t<>		ND	0.030	0.010	0.030	Pass		ND	0.010	0.005	0.010	Pass
Fenoxycarb ND 0.010 0.005 0.010 Pass Tetrachlorvinphos ND 0.010 0.005 0.010 Pass   Fenpyroximate ND 0.030 0.010 0.030 Pass Tetrachlorvinphos ND 0.010 0.005 0.010 Pass   Fensulfothion ND 0.010 0.002 0.010 Pass Thiabendazole ND 0.010 0.005 0.010 Pass   Fensulfothion ND 0.007 0.002 0.010 Pass Thiabendazole ND 0.010 0.005 0.010 Pass   Fenvalerate ND 0.007 0.002 Pass Thiamethoxam ND 0.010 0.005 0.010 Pass   Fipronil ND 0.010 0.005 0.010 Pass Thiaphanate-Methyl ND 0.020 Pass	Etridiazole	ND	0.044	0.015	0.150	Pass	Tebufenozide	ND	0.010	0.005	0.010	Pass
Fenpyroximate ND 0.030 0.010 0.030 Pass Tetramethrin ND 0.050 0.025 0.050 Pass   Fensulfothion ND 0.010 0.005 0.010 Pass Thiabendazole ND 0.010 0.005 0.010 Pass   Fensulforhion ND 0.007 0.002 0.010 Pass Thiabendazole ND 0.010 0.005 0.010 Pass   Fenvalerate ND 0.402 0.134 0.402 Pass Thiapendaxem ND 0.010 0.005 0.010 Pass   Fipronil ND 0.010 0.005 0.010 Pass Thiapendaxem ND 0.020 0.010 Pass	Fenhexamid					Pass	Teflubenzuron					Pass
Fensulfothion ND 0.010 0.005 0.010 Pass Thiabendazole ND 0.010 0.005 0.010 Pass   Fenthion ND 0.007 0.002 0.010 Pass Thiacloprid ND 0.010 0.005 0.010 Pass   Fenvalerate ND 0.402 0.134 0.402 Pass Thiamethoxam ND 0.010 0.005 0.010 Pass   Fipronil ND 0.010 0.005 0.010 Pass Thiophanate-Methyl ND 0.020 0.020 Pass	Fenoxycarb		0.010	0.005	0.010	Pass	Tetrachlorvinphos	ND	0.010			Pass
Fenthion ND 0.007 0.002 0.010 Pass Thiacloprid ND 0.010 0.005 0.010 Pass   Fenvalerate ND 0.402 0.134 0.402 Pass Thianethoxam ND 0.010 0.005 0.010 Pass   Fipronil ND 0.010 0.005 0.010 Pass Thiophanate-Methyl ND 0.020 0.010 Pass												
Fervalerate ND 0.402 0.134 0.402 Pass Thiamethoxam ND 0.010 0.005 0.010 Pass   Fipronil ND 0.010 0.005 0.010 Pass Thiophanate-Methyl ND 0.010 0.020 Pass												
Fipronil ND 0.010 0.005 0.010 Pass Thiophanate-Methyl ND 0.020 0.010 0.020 Pass		ND										
Fionicamid ND 0.025 0.010 0.025 Pass Irifloxystrobin ND 0.010 0.005 0.010 Pass												
	FIONICAMID	ND	0.025	0.010	0.025	Pass	Irifioxystrobin	ND	0.010	0.005	0.010	Pass

Mycotoxins	LOQ	LOD	Limit	Status	Mycotoxins		LOQ	LOD	Limit	Status
ну казарана ну казарана ни к	µg/kg 7.88 6.18 8.99	µg/kg 2.6 2.04 2.97	µg/kg	Tested Tested Tested	G2 Ochratoxin A <u>Total Aflatoxins</u>	μg/kg ND ND ND	µg/kg 5.72 11.72	µg/kg 1.89 3.87	µg/kg 20 20	Tested Pass Pass

#### Other Analyte(s): Does not contain synthetic cannabinoids

NR = Not Reported (no analysis was performed), ND = Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: LC-MS-MS & GC-MS-MS; samples analyzed according to SOPs CO-PESTMYCO-LC-INST-004 and CO-PEST-GC-INST-003.



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Josh Swider Lab Director, Managing Partner 07/03/2024

# **Infinite Chemical Analysis Labs**



## **Certificate of Analysis Appendix**

#### **Residual Solvents - Utah Industrial Hemp**

Analyte	Result (ug/g)	LOD (ug/g)	LOQ (ug/g)	Action Limit(ug/g)	Status
I,2 Dimethoxyethane	ND	5.9917	17.975	100	Pass
l,4 Dioxane	ND	12.8684	38.6052	380	Pass
-Butanol	ND	3.1446	9.4337	5,000	Pass
-Pentanol	ND	9.9794	29.9383	5,000	Pass
-Propanol	ND	6.9987	20.9962	5,000	Pass
2-Butanol	ND	9.5709	28.7127	5,000	Pass
P-Butanone	ND	7.2129	21.6386	5,000	Pass
2-Ethoxyethanol	ND	3.8723	11.6169	160	Pass
?-methylbutane	ND	0.679	2.037	5,000	Pass
2-methylpentane	ND	9.0715	27.2145	290	Pass
B-methylpentane	ND	7.3795	22.1384	290	Pass
2-Propanol (IPA)	ND	11.5286	34.5857	5,000	Pass
Acetone	ND	8.2267	24.6802	5,000	Pass
Acetonitrile	ND	8.3746	25.1238	410	Pass
Benzene	ND	0.3588	1.0763	2	Pass
Butane	ND	9.552	28.6559	5,000	Pass
Cumene	ND	8.32	24.96	70	Pass
Cyclohexane	ND	8.4235	25.2705	3,880	Pass
Dichloromethane	ND	3.9511	11.8533	600	Pass
2,2-dimethylbutane	ND	0.8804	2.6412	290	Pass
, ,3-dimethylbutane	ND	0.9493	2.8479	290	Pass
Dimethyl sulfoxide	ND	8.3992	25.1976	5,000	Pass
Thanol	829.3425	4.8156	14.4469	5,000	Pass
thyl acetate	ND	14.2542	42.7625	5,000	Pass
thyl ether	ND	6.8124	20.4372	5,000	Pass
Ethylene glycol	ND	3.4447	10.334	620	Pass
Ethylene Oxide	ND	6.5244	19.5733	50	Pass
leptane	ND	0.4144	1.2431	5,000	Pass
Hexane	ND	0.5026	1.5078	290	Pass
sobutane	ND	10.2495	30.7486	5,000	Pass
sopropyl acetate	ND	4.1274	12.3823	5,000	Pass
Methanol	ND	18.42	55.26	3,000	Pass
N,N-dimethylacetamide	ND	268.955	806.8649	1,090	Pass
N,N-dimethylformamide	ND	2.7382	8.2147	880	Pass
Pentane	ND	0.8382	2.5146	5,000	Pass
Propane	ND	7.9467	23.8402	5,000	Pass
Pyridine	ND	19.55	58.64	100	Pass
Sulfolane	ND	22.886	68.6581	160	Pass
Tetrahydrofuran	ND	6.2156	18.6469	720	Pass
Toluene	ND	0.4061	1.2184	890	Pass
Total Xylenes	ND	10.3738	31.1216	2,170	Pass

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