

# Certificate of Analysis

ICAL ID: 20240618-019 Sample: CA240618-006-012 CKB37 Strain: CKB37 Category: Ingestible Type: Beverage

Climbing Kites, LLC Lic.# P.O. Box 655 Salida, CO 81201 Chill State Collective 2075 Ellis Ave. Saint Paul, MN 55114 Batch#: CKB37 Batch Size Collected: Total Batch Size: Collected: 06/24/2024; Received: 06/24/2024 Completed: 06/24/2024

Moisture NT

Δ9-ΤΗС

**CBD** 

**Total Cannabinoids** 

Sum of Cannabinoids

**Total Terpenes** 

Water Activity

9.81 mg/unit

19.28 mg/unit

29.09 mg/unit

29.09 mg/unit

NT

NT

Summary
Batch
Cannabinoids
Residual Solvents
Microbials
Mycotoxins
Heavy Metals
Posticidos

**SOP** Used POT-PREP-002 RS-PREP-001 MICRO-PREP-001 PESTMYCO-LC-PREP-001 HM-PREP-001

PESTMYCO-LC-PREP-001/ PEST-GC-PREP-001

**Date Tested Pass** 06/20/2024 Complete 06/18/2024 06/20/2024 **Pass** Pass 06/20/2024 Pass 06/18/2024 **Pass** 06/20/2024 **Pass** 





Scan to see results

#### **Cannabinoid Profile**

1 Unit = can, 353.08 g. 1 mL = 1 g.

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	mg/mL	mg/unit	Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g r	ng/mL ⊦	ng/unit
THCa	0.0128	0.0043	ND	ND	ND	ND	CBGa	0.0046	0.0015	ND	ND	ND	ND
Δ9-THC	0.0046	0.0010	0.003	0.03	0.03	9.81	CBG	0.0046	0.0005	<loq< th=""><th>&lt;1</th><th>&lt;1</th><th><loq< th=""></loq<></th></loq<>	<1	<1	<loq< th=""></loq<>
Δ8-THC	0.0046	0.0014	ND	ND	ND	ND	CBN	0.0046	0.0005	ND	ND	ND	ND
THCV	0.0046	0.0006	ND	ND	ND	ND	Total THC			0.00	0.03	0.03	9.81
CBDa	0.0049	0.0016	ND	ND	ND	ND	Total CBD			0.01	0.05	0.05	19.28
CBD	0.0046	0.0008	0.005	0.05	0.05	19.28	Total			0.01	0.08	0.08	29.09
CBDV	0.0046	0.0004	ND	ND	ND	ND	Sum of			0.01	0.08	0.08	29.09
CBC	0.0076	0.0025	ND	ND	ND	ND	Cannabinoids			0.01	0.00	0.00	27.07

Total THC = THCa \* 0.877 + d9-THC; Total CBD = CBDa \* 0.877 + CBD. NR = Not Reported, ND = Not Detected. Potency is reported on a dry weight basis. Instrumentation and analysis SOPs used: Cannabinoids:  $\label{lem:condition} \mbox{WHPLC-DAD (POT-INST-005), Moisture: Moisture Analyzer (MOISTURE-001). The measurement of uncertainty for total THC concentration is \pm 0.009\%. The measurement of the concentration is \pm 0.009\%. The concentration is \pm 0$ 

## **Terpene Profile**

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



Infinite Chemical Analysis Labs 8312 Miramar Mall San Diego, CA (858) 623-2740 www.infiniteCAL.com Lic# C8-000047-LIC

Josh Swider

Lab Director, Managing Partner 06/24/2024

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This product has been tested by Infinite Chemical Analysis Labs, LLC using validated testing methods and a quality control system as required by state law. Sample processing and testing was performed in accordance with CDPHE Colorado Wholesale Food, Industrial Hemp, and Shellfish Regulations (6 CCR 1010-21). Values reported relate only to the product tested. Infinite Chemical Analysis Labs, LLC makes no claims pertaining to the efficacy, safety, or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full without the written approval of Infinite Chemical Analysis Labs, LLC.





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## **Residual Solvent Analysis**

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

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	<u>Status</u>
	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	Status
	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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Lab Director, Managing Partner

06/24/2024

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Limit µg/kg Status

Tested Tested Tested Tested Pass Pass



Thiacloprid

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ND

0.042

0.014

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## **Chemical Residue Screening**

Category 1		LOQ	LOD	Status	Mycotoxins		LOQ	LOD	
	μg/g	µg/g	µg/g			μg/kg	µg/kg	µg/kg	
Aldicarb	ND	0.065	0.022	Pass	B1	ND	7.88	2.6	
Carbofuran	ND	0.030	0.009	Pass	B2	ND	6.18	2.04	
Chlorfenapyr	ND	0.075	0.025	Pass	G1	ND	8.99	2.97	
Chlorpyrifos	ND	0.053	0.018	Pass	G2	ND	5.72	1.89	
Coumaphos	ND	0.056	0.018	Pass	Ochratoxin A	ND	11.72	3.87	
Daminozide	ND	0.079	0.026	Pass	Total Aflatoxins	ND			
Dichlorvos	ND	0.067	0.022	Pass					
Dimethoate	ND	0.036	0.012	Pass					
Ethoprophos	ND	0.053	0.017	Pass					
Etofenprox	ND	0.030	0.008	Pass					
Fenoxycarb	ND	0.043	0.014	Pass					
Fipronil	ND	0.045	0.015	Pass					
lmazalil	ND	0.047	0.016	Pass					
Methiocarb	ND	0.047	0.016	Pass					
Mevinphos	ND	0.042	0.014	Pass					
MGK-264	ND			Tested					
Paclobutrazol	ND	0.040	0.013	Pass					
Parathion Methyl	ND	0.024	0.008	Pass					
Propoxur	ND	0.047	0.016	Pass					
Spiroxamine	ND	0.032	0.011	Pass					

**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	0.030	0.010	0.3	Pass	Kresoxim Methyl	ND	0.038	0.012	1	Pass
Acephate	ND	0.050	0.016	5	Pass	Malathion	ND	0.035	0.012	5	Pass
Acequinocyl	ND	0.059	0.019	4	Pass	Metalaxyl	ND	0.031	0.010	15	Pass
Acetamiprid	ND	0.044	0.015	5	Pass	Methomyl	ND	0.048	0.016	0.1	Pass
Azoxystrobin	ND	0.029	0.010	40	Pass	Myclobutanil	ND	0.055	0.018	9	Pass
Bifenazate	ND	0.035	0.012	5	Pass	Naled	ND	0.051	0.017	0.5	Pass
Bifenthrin	ND	0.040	0.013	0.5	Pass	Oxamyl	ND	0.046	0.015	0.3	Pass
Boscalid	ND	0.060	0.020	10	Pass	Pentachloronitrobenzene	ND	0.054	0.018	0.2	Pass
Carbaryl	ND	0.049	0.016	0.5	Pass	Permethrin	ND	0.030	0.008	20	Pass
Chlorantraniliprole	ND	0.063	0.021	40	Pass	Phosmet	ND	0.038	0.012	0.2	Pass
Clofentezine	ND	0.039	0.013	0.5	Pass	Piperonyl Butoxide	ND	0.030	0.008	8	Pass
Cyfluthrin	ND	0.056	0.019	1	Pass	Prallethrin	ND	0.068	0.023	0.4	Pass
Cypermethrin	ND	0.044	0.015	1	Pass	Propiconazole	ND	0.059	0.019	20	Pass
Diazinon	ND	0.030	0.006	0.2	Pass	Pyrethrins	ND	0.030	0.004	1	Pass
Dimethomorph	ND	0.042	0.014	20	Pass	Pyridaben	ND	0.035	0.012	3	Pass
Etoxazole	ND	0.030	0.008	1.5	Pass	Spinetoram	ND	0.030	0.006	3	Pass
Fenhexamid	ND	0.039	0.013	10	Pass	Spinosad	ND	0.030	0.004	3	Pass
Fenpyroximate	ND	0.030	0.010	2	Pass	Spiromesifen	ND	0.042	0.014	12	Pass
Flonicamid	ND	0.081	0.027	2	Pass	Spirotetramat	ND	0.041	0.013	13	Pass
Fludioxonil	ND	0.046	0.015	30	Pass	Tebuconazole	ND	0.044	0.014	2	Pass
Hexythiazox	ND	0.078	0.026	2	Pass	Thiamethoxam	ND	0.055	0.018	4.5	Pass
<u>Imidacloprid</u>	ND	0.071	0.023	3	Pass	Trifloxystrobin	ND	0.031	0.010	30	Pass

#### Other Analyte(s):

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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## **Chemical Residue Screening**

Analytes	LOQ	LOD	Limit	Status	Analytes		LOQ	LOD	Limit	Status
μg/s Abamectin NE	μg/g 0.030	μg/g 0.010	μg/g 0.300	Pass	Fludioxonil	μg/g ND	μg/g 0.046	μg/g 0.015	μg/g 30.000	Pass
Acephate NE		0.016	5.000	Pass	Fluopyram	ND	0.010	0.010	00.000	Tested
Acequinocyl NE		0.019	4.000	Pass	Hexythiazox	ND	0.078	0.026	2.000	Pass
Acetamiprid NE		0.015	5.000	Pass	lmazalil	ND	0.047	0.016	0.016	Pass
Aldicarb NE		0.022	0.022	Pass	Imidacloprid	ND	0.071	0.023	3.000	Pass
Allethrin NE	)			Tested	Iprodione	ND				Tested
Atrazine NE				Tested	Kinoprene	ND				Tested
Azadirachtin NE				Tested	Kresoxim Methyl	ND	0.038	0.012	1.000	Pass
Azoxystrobin NE		0.010	40.000	Pass	Lambda-Cyhalothrin	ND				Tested
Benzovindiflupyr NE				Tested	Malathion	ND	0.035	0.012	5.000	Pass
Bifenazate NE		0.012	5.000	Pass	Metalaxyl	ND	0.031	0.010	15.000	Pass
Bifenthrin NE	0.040	0.013	0.500	Pass	Methiocarb	ND	0.047	0.016	0.016	Pass
Boscalid NE		0.020	10.000	Pass	Methomyl	ND	0.048	0.016	0.100	Pass
Buprofezin NE Captan NE	0.358	0.120	5.000	Tested Pass	Methoprene Mevinphos	ND ND	0.042	0.014	0.014	Tested Pass
Carbaryl NE		0.120	0.500	Pass	MGK-264	ND	0.042	0.014	0.014	Tested
Carbofuran NE		0.010	0.009	Pass	Myclobutanil	ND	0.055	0.018	9.000	Pass
Chlorantraniliprole NE		0.007	40.000	Pass	Naled	ND	0.053	0.017	0.500	Pass
Chlordane NE		0.025	0.025	Pass	Novaluron	ND	0.001	0.017	0.500	Tested
Chlorfenapyr NE		0.025	0.025	Pass	Oxamvl	ND	0.046	0.015	0.300	Pass
Chlorpyrifos NE		0.018	0.018	Pass	Paclobutrazol	ND	0.040	0.013	0.013	Pass
Clofentezine NE		0.013	0.500	Pass	Parathion Methyl	ND	0.024	0.008	0.008	Pass
Clothianidin NE				Tested	Pentachloronitrobenzene	ND	0.054	0.018	0.200	Pass
Coumaphos		0.018	0.018	_ Pass	Permethrin	ND	0.030	0.008	20.000	_ Pass
Cyantraniliprole NE		0.040	4.000	Tested	Phenothrin	ND	0.000	0.040	0.000	Tested
Cyfluthrin NE		0.019	1.000	Pass	Phosmet	ND	0.038	0.012	0.200	Pass
Cypermethrin NE Cyprodinil NE		0.015	1.000	Pass Tested	Piperonyl Butoxide Pirimicarb	ND ND	0.030	0.008	8.000	Pass Tested
Daminozide NE		0.026	0.026	Pass	Prallethrin	ND	0.068	0.023	0.400	Pass
Deltamethrin NE		0.020	0.020	Tested	Propiconazole	ND	0.059	0.019	20.000	Pass
Diazinon NE		0.006	0.200	Pass	Propoxur	ND	0.047	0.016	0.016	Pass
Dichlorvos NE	0.067	0.022	0.022	Pass	Pyraclostrobin	ND				Tested
Dimethoate NE		0.012	0.012	Pass	Pyrethrins	ND	0.030	0.004	1.000	Pass
Dimethomorph NE		0.014	20.000	Pass	Pyridaben	ND	0.035	0.012	3.000	Pass
Dinotefuran NE				Tested	Pyriproxifen	ND				Tested
Diuron NE				Tested	Resmethrin	ND	0.000	0.007	0.000	Tested
Dodemorph NE Endosulfan I NE				Tested	Spinetoram	ND ND	0.030	0.006	3.000 3.000	Pass
Endosulfan II NE				Tested Tested	Spinosad Spirodiclofen	ND	0.030	0.004	3.000	Pass Tested
Endosulfan Sulfate NE				Tested	Spiromesifen	ND	0.042	0.014	12.000	Pass
Ethoprophos NE		0.017	0.017	Pass	Spirotetramat	ND	0.041	0.013	13.000	Pass
Etofenprox NE		0.008	0.008	Pass	Spiroxamine	ND	0.032	0.011	0.011	Pass
Etoxazole NE		0.008	1.500	Pass	Tebuconazole	ND	0.044	0.014	2.000	Pass
Etridiazole NE				Tested	Tebufenozide	ND				Tested
Fenhexamid NE		0.013	10.000	Pass	Teflubenzuron	ND				Tested
Fenoxycarb NE		0.014	0.014	Pass	Tetrachlorvinphos	ND				Tested
Fenpyroximate NE		0.010	2.000	Pass	<u>Tetramethrin</u>	ND				Tested
Fensulfothion NE				Tested	Thiabendazole	ND	0.040	0.044	0.044	Tested
Fenthion NE Fenvalerate NE				Tested Tested	Thiacloprid Thiamethoxam	ND ND	0.042 0.055	0.014 0.018	0.014 4.500	Pass Pass
Fenvalerate NL Fipronil NE		0.015	0.015	Pass	Thiamethoxam Thiophanate-Methyl	ND ND	0.055	0.010	4.500	Tested
Flonicamid NE		0.013	2.000	Pass	Trifloxystrobin	ND	0.031	0.010	30.000	Pass

Mycotoxins		LOQ	LOD	Limit	Status
B1	μg/kg ND	μg/kg 7.88	µg/kg	µg/kg	Tested
B2	ND ND	6.18	2.04		Tested
G1	ND	8.99	2.97		Tested

Mycotoxins		LOQ	LOD	Limit	Status
	μg/kg	μg/kg	μg/kg	μg/kg	
G2	NĎ	5.72	1.89		Tested
Ochratoxin A	ND	11.72	3.87	20	Pass
Total Aflatoxins	ND			20	Pass

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