



Certificate of Analysis

CDPHE QA SAMPLE

1 of 4

ICAL ID: 20240604-025
Sample: CA240604-016-030
CKB34
Strain: CKB34
Category: Ingestible
Type: Beverage

Climbing Kites, LLC
Lic. #
P.O. Box 655
Salida, CO 81201
Chill State Collective
Lic. #
2075 Ellis Ave. Saint, Paul, MN 55114

Batch#: CKB34
Batch Size Collected:
Total Batch Size:
Collected: 06/04/2024; Received: 06/04/2024
Completed: 06/04/2024

Moisture NT Water Activity NT	Δ 9-THC 9.88 mg/unit	CBD 19.53 mg/unit	Total Cannabinoids 29.41 mg/unit	Total Terpenes NT
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Summary	SOP Used	Date Tested	
Batch	POT-PREP-002	06/04/2024	Complete
Cannabinoids	RS-PREP-001		Complete
Residual Solvents			Complete
Microbials			Complete
Mycotoxins	PESTMYCO-LC-PREP-001		Complete
Heavy Metals	HM-PREP-001		Complete
Pesticides	PESTMYCO-LC-PREP-001 / PEST-GC-PREP-001		Complete



Scan to see results

Cannabinoid Profile

1 Unit = can, 354.86 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	mg/mL	mg/unit
THCa	0.0128	0.0043	ND	ND	ND	ND	CBGa	0.0046	0.0015	ND	ND	ND	ND
Δ 9-THC	0.0046	0.0010	0.003	0.03	0.03	9.88	CBG	0.0046	0.0005	<LOQ	<1	<1	<LOQ
Δ 8-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	9.88
CBDa	0.0049	0.0016	ND	ND	ND	ND	Total CBD			0.01	0.06	0.06	19.53
CBD	0.0046	0.0008	0.006	0.06	0.06	19.53	Total			0.01	0.08	0.08	29.41
CBDV	0.0046	0.0004	ND	ND	ND	ND							
CBC	0.0076	0.0025	ND	ND	ND	ND							

Total THC = THCa * 0.877 + Δ 9-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: UHPLC-DAD (POT-INST-005), Moisture: Moisture Analyzer (MOISTURE-001). The measurement of uncertainty for total THC concentration is \pm 0.009%.

Terpene Profile

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g
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NR = Not Reported (no analysis was performed); ND = Not Detected (the concentration is less than 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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Lab Director, Managing Partner
06/04/2024

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Residual Solvent Analysis

Category 1	LOQ	LOD	Limit	Status	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	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 than 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	NR	0.009	0.003	1.5	NT
Cadmium	NR	0.002	0.001	0.5	NT
Lead	NR	0.004	0.001	0.5	NT
Mercury	NR	0.014	0.005	1.5	NT

NR = Not Reported (no analysis was performed), ND = Not Detected (the concentration is less than 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		NR	NT
STEC		NR	NT
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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Chemical Residue Screening

Category 1	LOQ	LOD	Status	Mycotoxins	LOQ	LOD	Limit	Status		
	µg/g	µg/g	µg/g		µg/kg	µg/kg	µg/kg			
Aldicarb	NR	0.065	0.022	NT	B1	NR	7.88	2.6	NT	
Carbofuran	NR	0.030	0.009	NT	B2	NR	6.18	2.04	NT	
Chlorfenapyr	NR	0.075	0.025	NT	G1	NR	8.99	2.97	NT	
Chlorpyrifos	NR	0.053	0.018	NT	G2	NR	5.72	1.89	NT	
Coumaphos	NR	0.056	0.018	NT	Ochratoxin A	NR	11.72	3.87	20	NT
Daminozide	NR	0.079	0.026	NT	Total Aflatoxins	NR		20	NT	
Dichlorvos	NR	0.067	0.022	NT						
Dimethoate	NR	0.036	0.012	NT						
Ethoprophos	NR	0.053	0.017	NT						
Etofenprox	NR	0.030	0.008	NT						
Fenoxycarb	NR	0.043	0.014	NT						
Fipronil	NR	0.045	0.015	NT						
Imazalil	NR	0.047	0.016	NT						
Methiocarb	NR	0.047	0.016	NT						
Mevinphos	NR	0.042	0.014	NT						
MGK-264	NR			NT						
Paclobutrazol	NR	0.040	0.013	NT						
Parathion Methyl	NR	0.024	0.008	NT						
Propoxur	NR	0.047	0.016	NT						
Spiroxamine	NR	0.032	0.011	NT						
Thiacloprid	NR	0.042	0.014	NT						

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

Other Analyte(s):

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Chemical Residue Screening

Analytes	LOQ	LOD	Limit	Status	Analytes	LOQ	LOD	Limit	Status
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Mycotoxins		LOQ	LOD	Limit	Status	Mycotoxins		LOQ	LOD	Limit	Status
	µg/kg	µg/kg	µg/kg	µg/kg			µg/kg	µg/kg	µg/kg	µg/kg	
B1	NR	7.88	2.6		NT	G2	NR	5.72	1.89		NT
B2	NR	6.18	2.04		NT	Ochratoxin A	NR	11.72	3.87	20	NT
G1	NR	8.99	2.97		NT	Total Aflatoxins	NR			20	NT

Other Analyte(s):

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