



Certificate of Analysis

ICAL ID: 20240328-024
Sample: CA240328-007-023
Hawaiian Choice - CBD Topical Gel (Broad Spectrum)
Strain: Hawaiian Choice - CBD Topical Gel (Broad Spectrum)
Category: Concentrates & Extracts

Rare Cannabinoid Company Lic. # PO Box 61242 Honolulu, HI 96839

Lic.#

Batch#: 4480 Batch Size Collected: Total Batch Size: Collected: 05/01/2024; Received: 05/01/2024

Collected: 05/01/2024; Received: 05/01/2024

Moisture Total THC Total CBD Total Cannabinoids Total Terpenes

NT
Water Activity

ND

2,049.40 mg/unit

2,542.40 mg/unit

NT

NT

Type: Other

Summary **SOP** Used **Date Tested** Batch **Pass** POT-PREP-005 03/29/2024 Cannabinoids Complete RS-PREP-001 04/02/2024 04/03/2024 Residual Solvents **Pass** MICRO-PREP-001 Pass Microbials PESTMYCO-LC-PREP-001 HM-PREP-001 04/01/2024 04/02/2024 03/28/2024 Mycotoxins Pass Heavy Metals **Pass** FM-PREP-001 Foreign Matter Pass CO-PESTMYCO-LC-PREP-05/01/2024 Pass Pesticides 001 / CO-PEST-GC-PREP-001



Scan to see results

Cannabinoid Profile

1 Unit = container, 258.25 g. 1 mL = 1.033 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	0.0481	0.0160	ND	ND	ND	ND	CBGa	0.0414	0.0100	ND	ND	ND	ND
Δ9-THC	0.0414	0.0122	ND	ND	ND	ND	CBG	0.0414	0.0056	0.161	1.61	1.66	415.01
Δ8-THC	0.0414	0.0066	ND	ND	ND	ND	CBN	0.0414	0.0089	ND	ND	ND	ND
THCV	0.0414	0.0053	ND	ND	ND	ND	Total THC			ND	ND	ND	ND
CBDa	0.0532	0.0177	ND	ND	ND	ND	Total CBD			0.79	7.94	8.20	2049.40
CBD	0.0414	0.0055	0.794	7.94	8.20	2049.40	Total			0.98	9.84	10.17	2542.40
CBDV	0.0414	0.0062	0.030	0.30	0.31	77.99							<u> </u>
CRC	0.0425	0.01/12	ND	ND	ND	ND							

 $Total\ THC = THCa*0.877 + d9-THC;\ Total\ CBD = CBDa*0.877 + CBD.\ NR = Not\ Reported,\ ND = Not\ Detected.\ Potency\ is\ reported on\ a\ dry\ weight\ basis.\ Instrumentation\ and\ analysis\ SOPs\ used:\ Cannabinoids:\ UHPLC-DAD\ (POT-INST-005),\ Moisture:\ Mois$

Terpene Profile

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 M Swider

Josh Swider

Josh Swider Lab Director, Managing Partner 05/01/2024 Confident LIMS
All Rights Reserved
coa.support@confidentlims.com
(866) 506-5866
www.confidentlims.com





2 of 1



Certificate of Analysis

ICAL ID: 20240328-024 Sample: CA240328-007-023 Hawaiian Choice - CBD Topical Gel (Broad Spectrum) Strain: Hawaiian Choice - CBD Topical Gel (Broad Spectrum) Category: Concentrates & Extracts Rare Cannabinoid Company Lic. # PO Box 61242 Honolulu, HI 96839

Lic.#

Batch#: 4480 Batch Size Collected: Total Batch Size: Collected: 05/01/2024; Received: 05/01/2024 Completed: 05/01/2024

Residual Solvent Analysis

Type: Other

Category 1		LOQ	LODI	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	ND	0.509	0.17	1	Pass	Acetone	ND	51.246	17.082	5000	Pass	n-Hexane	ND	0.2807	0.066	290	Pass
Benzene	ND	0.064	0.021	1	Pass	Acetonitrile	ND	0.359	0.12	410	Pass	Isopropanol	ND	3.8401	1.28	5000	Pass
Chloroform	ND	0.108	0.036	1	Pass	Butane	ND	4.849	0.971	5000	Pass	Methanol	ND	8.917	2.972	3000	Pass
Ethylene Oxide	ND	0.579	0.153	1	Pass	Ethanol	493.6	7.843	2.614	5000	Pass	Pentane	ND	4.271	0.962	5000	Pass
Methylene-Chloride	ND	0.7288	0.127	1	Pass	Ethyl-Acetate	ND	2.288	0.313	5000	Pass	Propane	ND	13.302	4.434	5000	Pass
Trichloroethene	ND	0.145	0.018	1	Pass	Ethyl-Ether	ND	3.548	1.183	5000	Pass	Toluene	ND	0.864	0.088	890	Pass
					_	Heptane	ND	2.859	0.687	5000	Pass	Xylenes	ND	2.572	0.216	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	<loq< td=""><td>0.004</td><td>0.001</td><td>0.5</td><td>Pass</td></loq<>	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.



Infinite Chemical Analysis Labs 8312 Miramar Mall San Diego, CA (858) 623-2740 www.infiniteCAL.com Lic# C8-0000047-LIC

Josh Swider
Lab Director, Managing Partner

05/01/2024

Confident LIMS
All Rights Reserved
coa.support@confidentlims.com
(866) 506-5866
www.confidentlims.com







Certificate of Analysis

ICAL ID: 20240328-024 Sample: CA240328-007-023 Hawaiian Choice - CBD Topical Gel (Broad Spectrum) Strain: Hawaiian Choice - CBD Topical Gel (Broad Spectrum) Category: Concentrates & Extracts Type: Other

Rare Cannabinoid Company PO Box 61242 Honolulu, HI 96839

Lic.#

Batch#: 4480 Batch Size Collected: Total Batch Size: Collected: 05/01/2024; Received: 05/01/2024 Completed: 05/01/2024

Chemical Residue Screening

Category 1		LOQ	LOD	Status	Mycotoxins		LOQ	LOD	Limit	Status
Aldicarb	μg/g ND	µg/g 0.030	μg/g 0.010	Pass	B1	μg/kg ND	µg/kg 8.98	μg/kg 2.96	µg/kg	Tested
Carbofuran	ND	0.010	0.005	Pass	B2	ND	10.17	3.36		Tested
Chlorfenapyr	ND	0.024	0.008	Pass	G1	ND	5.25	1.73		Tested
Chlorpyrifos	ND	0.075	0.010	Pass	G2	ND	6.26	2.07		Tested
Coumaphos	ND	0.010	0.005	Pass	Ochratoxin A	ND	13.37	4.41	20	Pass
Daminozide	ND	0.075	0.050	Pass	Total Aflatoxins	ND			20	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						
lmazalil	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						

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):

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.



Infinite Chemical Analysis Labs 8312 Miramar Mall San Diego, CA (858) 623-2740 www.infiniteCAL.com Lic# C8-0000047-LIC

Josh Swider

Lab Director, Managing Partner 05/01/2024

Confident LIMS All Rights Reserved coa.support@confidentlims.com (866) 506-5866 www.confidentlims.com





1 of 1



Certificate of Analysis

ICAL ID: 20240328-024 Sample: CA240328-007-023 Hawaiian Choice - CBD Topical Gel (Broad Spectrum) Strain: Hawaiian Choice - CBD Topical Gel (Broad Spectrum) Category: Concentrates & Extracts Type: Other Rare Cannabinoid Company Lic. # PO Box 61242 Honolulu, HI 96839

Lic.#

Batch#: 4480 Batch Size Collected: Total Batch Size: Collected: 05/01/2024; Received: 05/01/2024 Completed: 05/01/2024

Chemical Residue Screening

Analytes		LOQ	LOD	Limit	Status	Analytes		LOQ	LOD	Limit	Status
Abamectin	μg/g ND	μg/g 0.100	μg/g 0.050	μg/g 0.250	Pass	Fludioxonil	μg/g ND	μg/g 0.010	μg/g 0.005	μg/g 0.010	Pass
Acephate	ND	0.100	0.030	0.250	Pass	Fluopyram	ND	0.010	0.005	0.010	Pass
Acequinocyl	ND	0.030	0.010	0.030	Pass	Hexythiazox	ND	0.003	0.003	0.010	Pass
Acetamiprid	ND	0.075	0.020	0.073	Pass	Imazalil	ND	0.030	0.010	0.030	Pass
Aldicarb	ND	0.030	0.010	0.500	Pass	Imidacloprid	ND	0.010	0.005	0.010	Pass
Allethrin	ND	0.030	0.015	0.100	Pass	Iprodione	ND	0.475	0.158	0.500	Pass
Atrazine	ND	0.005	0.015	0.005	Pass	Kinoprene	ND	0.221	0.130	1.250	Pass
Azadirachtin	ND	0.050	0.030	0.500	Pass	Kresoxim Methyl	ND	0.030	0.010	0.150	Pass
Azoxystrobin	ND	0.010	0.005	0.010	Pass	Lambda-Cyhalothrin	ND	0.050	0.030	0.050	Pass
Benzovindiflupyr	ND	0.005	0.005	0.010	Pass	Malathion	ND	0.010	0.005	0.010	Pass
Bifenazate	ND	0.010	0.005	0.010	Pass	Metalaxyl	ND	0.010	0.005	0.010	Pass
Bifenthrin	ND	0.030	0.005	0.030	Pass	Methiocarb	ND	0.010	0.005	0.010	Pass
Boscalid	ND	0.010	0.005	0.010	Pass	Methomyl	ND	0.025	0.010	0.025	Pass
Buprofezin	ND	0.030	0.015	0.030	Pass	Methoprene	ND	0.050	0.025	0.050	Pass
Captan	ND	0.358	0.120	0.700	Pass	Mevinphos	ND	0.025	0.010	0.025	Pass
Carbaryl	ND	0.025	0.010	0.025	Pass	MGK-264	ND	0.016	0.005	0.050	Pass
Carbofuran	ND	0.010	0.005	0.010	Pass	Mvclobutanil	ND	0.010	0.005	0.010	Pass
Chlorantraniliprole	ND	0.030	0.010	0.030	Pass	Naled	ND	0.030	0.020	0.030	Pass
Chlordane	ND	0.075	0.025	0.025	Pass	Novaluron	ND	0.020	0.010	0.025	Pass
Chlorfenapyr	ND	0.024	0.008	1.500	Pass	Oxamvl	ND	0.030	0.020	1.500	Pass
Chlorpyrifos	ND	0.075	0.010	0.500	Pass	Paclobutrazol	ND	0.010	0.005	0.010	Pass
Clofentezine	ND	0.010	0.005	0.010	Pass	Parathion Methyl	ND	0.026	0.009	0.026	Pass
Clothianidin	ND	0.010	0.005	0.025	Pass	Pentachloronitrobenzene	ND	0.016	0.005	0.016	Pass
Coumaphos	ND	0.010	0.005	0.010	Pass	Permethrin	ND	0.030	0.020	0.030	Pass
Cyantraniliprole	ND	0.010	0.005	0.010	Pass	Phenothrin	ND	0.030	0.015	0.030	Pass
Cyfluthrin	ND	0.038	0.013	0.038	Pass	Phosmet	ND	0.030	0.020	0.030	Pass
Cypermethrin	ND	0.053	0.018	0.053	Pass	Piperonyl Butoxide	ND	0.030	0.010	1.250	Pass
Cyprodinil	ND	0.010	0.005	0.010	Pass	Pirimicarb	ND	0.010	0.005	0.010	Pass
Daminozide	ND	0.075	0.050	0.075	Pass	Prallethrin	ND	0.075	0.030	0.075	Pass
Deltamethrin	ND	0.050	0.025	0.050	Pass	Propiconazole	ND	0.030	0.010	0.030	Pass
Diazinon	ND	0.030	0.010	0.030	Pass	Propoxur	ND	0.010	0.005	0.010	Pass
Dichlorvos	ND	0.050	0.020	0.050	Pass	Pyraclostrobin	ND	0.010	0.005	0.010	Pass
Dimethoate	ND	0.010	0.005	0.010	Pass	Pyrethrins	ND	0.045	0.010	0.045	Pass
Dimethomorph	ND	0.030	0.010	0.030	Pass	Pyridaben	ND	0.020	0.010	0.020	Pass
Dinotefuran	ND	0.050	0.025	0.050	Pass	Pyriproxifen	ND	0.010	0.005	0.010	Pass
Diuron	ND	0.010	0.005	0.010	Pass	Resmethrin	ND	0.050	0.025	0.050	Pass
Dodemorph	ND	0.020	0.010	0.020	Pass	Spinetoram	ND	0.010	0.005	0.010	Pass
Endosulfan I	ND	0.353	0.118	2.500	Pass	Spinosad	ND	0.010	0.005	0.010	Pass
Endosulfan II	ND	0.239	0.080	2.500	Pass	Spirodiclofen	ND	0.050	0.025	0.050	Pass
Endosulfan Sulfate	ND	0.026	0.009	2.500	Pass	Spiromesifen	ND	0.030	0.010	0.030	Pass
Ethoprophos	ND	0.010	0.005	0.010	Pass	Spirotetramat	ND	0.010	0.005	0.010	Pass
Etofenprox	ND	0.030	0.010	0.030	Pass	Spiroxamine	ND	0.030	0.020	0.030	Pass
Etoxazole	ND ND	0.030	0.010	0.030	Pass	Tebuconazole	ND	0.010	0.005	0.010	Pass
Etridiazole	ND ND	0.044	0.015 0.020	0.150	Pass	Tebufenozide	ND	0.010 0.020	0.005	0.010 0.025	Pass
Fenhexamid	ND	0.045 0.010	0.020	0.045 0.010	Pass Pass	Teflubenzuron Tetrachlorvinphos	ND ND	0.020	0.010 0.005	0.025	Pass Pass
Fenoxycarb	ND	0.010	0.003	0.010		Tetramethrin	ND	0.010	0.003	0.010	
Fenpyroximate Fensulfothion	ND	0.030	0.010	0.030	Pass Pass	Thiabendazole	ND ND	0.030	0.025	0.030	Pass Pass
Fenthion	ND	0.010	0.003	0.010	Pass	Thiadendazoie Thiacloprid	ND ND	0.010	0.005	0.010	Pass
Fentalerate	ND	0.402	0.002	0.010	Pass	Thiamethoxam	ND ND	0.010	0.005	0.010	Pass
Fipronil	ND	0.402	0.134	0.402	Pass	Thiophanate-Methyl	ND	0.010	0.003	0.010	Pass
Flonicamid	ND	0.015	0.003	0.015	Pass	Trifloxystrobin	ND	0.020	0.005	0.010	Pass
		V.V_J	V.V T V	0.020	1 433			V.V ± V	0.000	0.010	1 433

Mycotoxins		LOQ	LOD	Limit	Status
B1 B2 G1	μg/kg ND ND ND	μg/kg 8.98 10.17 5.25	μg/kg 2.96 3.36 1.73	µg/kg	Tested Tested Tested

Mycotoxins		LOQ	LOD	Limit	Status
	μg/kg	μg/kg	μg/kg	μg/kg	
G2	NĎ	6.26	2.07		Tested
Ochratoxin A	ND	13.37	4.41	20	Pass
Total Aflatoxins	ND			20	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.



Infinite Chemical Analysis Labs 8312 Miramar Mall San Diego, CA (858) 623-2740 www.infiniteCAL.com Lic# C8-0000047-LIC

Josh M Swider

Josh Swider

Josh Swider Lab Director, Managing Partner 05/01/2024 Confident LIMS
All Rights Reserved
coa.support@confidentlims.com
(866) 506-5866
www.confidentlims.com

