



# Certificate of Analysis

ICAL ID: 20230815-074 Sample: CA230815-009-041 Rare Cannabinoid Company - Uplift (THCV Single Extract) - 30ml bottle / 500mg Strain: Rare Cannabinoid Company - Uplift (THCV Single Extract) - 30ml bottle / 500mg Category: Ingestible

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

Lic.#

Batch Size Collected: Total Batch Size: Collected: 08/28/2023; Received: 08/28/2023 Completed: 08/28/2023

Moisture Δ9-ΤΗС **CBD Total Cannabinoids Total Terpenes** NT NT ND ND 492.48 mg/unit Water Activity

NT

Type: Tincture

Summary Batch Cannabinoids Residual Solvents Microbials Mycotoxins Heavy Metals Foreign Matter Pesticides

**SOP** Used **Date Tested Pass** POT-PRFP-004 08/16/2023 Complete RS-PREP-001 08/24/2023 08/28/2023 Pass MICRO-PREP-001 Pass PESTMYCO-LC-PREP-001 HM-PREP-001 08/24/2023 Pass 08/24/2023 08/24/2023 **Pass** FM-PREP-001 Pass PESTMYCO-LC-PREP-001/ 08/24/2023 Pass PEST-GC-PREP-001





Scan to see results

#### **Cannabinoid Profile**

1 Unit = 30 mL bottle, 28.5 g. 1 mL = 0.95 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	0.0368	0.0123	ND	ND	ND	ND	CBE	0.0833	0.0040	ND	ND	ND	ND
Δ9-THC	0.0368	0.0053	ND	ND	ND	ND	CBGa	0.0534	0.0178	ND	ND	ND	ND
Δ8-THC	0.0368	0.0055	ND	ND	ND	ND	CBG	0.0368	0.0061	ND	ND	ND	ND
THCVa	0.0368	0.0092	ND	ND	ND	ND	CBLa	0.1298	0.0433	ND	ND	ND	ND
THCV	0.0368	0.0048	0.837	8.37	7.95	238.60	CBL	0.0368	0.0071	ND	ND	ND	ND
Δ8-THCV	0.0805	0.0016	0.891	8.91	8.46	253.88	CBNa	0.0473	0.0158	ND	ND	ND	ND
CBDa	0.0368	0.0059	ND	ND	ND	ND	CBN	0.0368	0.0074	ND	ND	ND	ND
CBD	0.0368	0.0050	ND	ND	ND	ND	CBT	0.0368	0.0070	ND	ND	ND	ND
CBDVa	0.0368	0.0076	ND	ND	ND	ND	9R-HHC	0.0709	0.0023	ND	ND	ND	ND
CBDV	0.0368	0.0049	ND	ND	ND	ND	9S-HHC	0.0730	0.0039	ND	ND	ND	ND
CBDB	0.0831	0.0035	ND	ND	ND	ND	Δ9-THC Acetate	0.0806	0.0024	ND	ND	ND	ND
CBDp	0.0828	0.0030	ND	ND	ND	ND	Δ8-THC Acetate	0.0800	0.0028	ND	ND	ND	ND
CBCa	0.0675	0.0225	ND	ND	ND	ND	HHC-O Acetate	0.0745	0.0046	ND	ND	ND	ND
CBC	0.0444	0.0148	ND	ND	ND	ND	THD	0.0772	0.0027	ND	ND	ND	ND
CBCV	0.0597	0.0199	ND	ND	ND	ND	Total THC			ND	ND	ND	ND
							Total CBD			ND	ND	ND	ND
							Total			1.73	17.28	16.42	492.48

Total THC=THCa\*0.877 + d9-THC; Total CBD = CBDa\*0.877 + CBD. LOD= Limit of Detection, LOQ= Limit of Quantitation, ND= Not Detected, NR= Not Reported. Potency is reported on a dry weight basis. Instrumentation and analysis SOPs used: Cannabinoids:UHPLC-DAD(POT-INST-005), Moisture: Moisture Analyzer (MOISTURE-001), Water Activity: Water Activity Meter (WA-INST-002), Foreign Material:Microscope(FOREIGN-001). Density measured at 19-24 °C, Water Activity measured at 0-90% RH. All QA submitted by the client, All CA State Compliance sampled using SAMPL-SOP-001.

#### **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 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 08/28/2023

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This product has been tested by Infinite Chemical Analysis, LLC using valid testing methodologies and a quality system as required by state law. All LQC samples were performed and met the prescribed acceptance criteria in 16 CCR section 15730, pursuant to 16 CCR section 15726(e)(13). Values reported relate only to the product tested. Infinite Chemical Analysis, LLC makes no claims as 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, LLC.



### **QA SAMPLE - INFORMATIONAL ONLY**

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ICAL ID: 20230815-074

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Category: Ingestible Type: Tincture

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Batch#: 4462 Batch Size Collected: Total Batch Size: Collected: 08/28/2023; Received: 08/28/2023 Completed: 08/28/2023

### **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	
1,2-Dichloro-Ethane	ND	0.31	0.1032	1	Pass	Acetone	ND	51.246	2.572	5000	Pass	n-Hexane	<loq< th=""><th>0.931</th><th>0.31</th><th>290</th><th>Pass</th></loq<>	0.931	0.31	290	Pass
Benzene	ND	0.088	0.023	1	Pass	Acetonitrile	ND	0.798	0.266	410	Pass	Isopropanol	ND	5.037	1.679	5000	Pass
Chloroform	ND	0.174	0.058	1	Pass	Butane	ND	4.849	1.114	5000	Pass	Methanol	ND	4.665	1.555	3000	Pass
Ethylene Oxide	ND	0.757	0.252	1	Pass	Ethanol	ND	40.542	13.513	5000	Pass	Pentane	ND	17.255	5.752	5000	Pass
Methylene-Chloride	ND	0.729	0.148	1	Pass	Ethyl-Acetate	ND	2.288	0.436	5000	Pass	Propane	ND	26.11	8.703	5000	Pass
Trichloroethene	ND	0.19	0.063	1	Pass	Ethyl-Ether	ND	2.869	0.593	5000	Pass	Toluene	ND	0.864	0.136	890	Pass
						Heptane	ND	6.548	2.183	5000	Pass	Xylenes	ND	0.857	0.241	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 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	0.012	0.004	0.001	0.5	Pass
Mercury	ND	0.014	0.005	3	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 HM-INST-003.

# Microbiological Screening

	Limit	Result	Status
	CFU/g	CFU/g	
Aspergillus flavus		NR	NT
Aspergillus fumigatus		NR	NT
Aspergillus niger		NR	NT
Aspergillus terreus		NR	NT
STEC		Not Detected	Pass
Salmonella SPP		Not Detected	Pass

ND=Not Detected. Analytical instrumentation used:qPCR; samples analyzed according to SOP MICRO-INST-001.



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Paclobutrazol

Propoxur

Spiroxamine

Thiacloprid

Parathion Methyl

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Strain: Rare Cannabinoid Company - Uplift (THCV Single Extract) - 30ml bottle / 500mg
Category: Ingestible
Type: Tincture

ND

ND

ND

ND

ND

0.030

0.030

0.006

0.008

0.005

0.003

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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	µg/kg	
Aldicarb	ND	0.030	0.009	Pass	B1	ND	6.2	2.05		Tested
Carbofuran	ND	0.030	0.002	Pass	B2	ND	5	1.63		Tested
Chlordane	ND	0.075	0.025	Pass	G1	ND	5.38	1.77		Tested
Chlorfenapyr	ND	0.075	0.025	Pass	G2	ND	5	1.02		Tested
Chlorpyrifos	ND	0.030	0.008	Pass	Ochratoxin A	ND	16.41	5.42	20	Pass
Coumaphos	ND	0.030	0.005	Pass	Total Aflatoxins	ND			20	Pass
Daminozide	ND	0.033	0.011	Pass						_
Dichlorvos	ND	0.030	0.007	Pass						
Dimethoate	ND	0.030	0.007	Pass						
Ethoprophos	ND	0.030	0.004	Pass						
Etofenprox	ND	0.030	0.006	Pass						
Fenoxycarb	ND	0.030	0.006	Pass						
Fipronil	ND	0.030	0.008	Pass						
Imazalil	ND	0.030	0.009	Pass						
Methiocarb	ND	0.030	0.005	Pass						
Mevinphos	ND	0.032	0.011	Pass						

**Pass** 

Pass

**Pass** 

**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	0.039	0.013	0.3	Pass	Kresoxim Methyl	ND	0.030	0.007	1	Pass
Acephate	ND	0.063	0.021	5	Pass	Malathion	ND	0.030	0.005	5	Pass
Acequinocyl	ND	0.035	0.011	4	Pass	Metalaxyl	ND	0.030	0.003	15	Pass
Acetamiprid	ND	0.030	0.006	5	Pass	Methomyl	ND	0.030	0.006	0.1	Pass
Azoxystrobin	ND	0.030	0.003	40	Pass	Myclobutanil	ND	0.030	0.007	9	Pass
Bifenazate	ND	0.030	0.005	5	Pass	Naled	ND	0.030	0.005	0.5	Pass
Bifenthrin	ND	0.030	0.006	0.5	Pass	Oxamyl	ND	0.030	0.009	0.3	Pass
Boscalid	ND	0.030	0.007	10	Pass	Pentachloronitrobenzene	ND	0.054	0.018	0.2	Pass
Captan	ND	0.358	0.120	5	Pass	Permethrin	ND	0.030	0.002	20	Pass
Carbaryl	ND	0.030	0.004	0.5	Pass	Phosmet	ND	0.030	0.005	0.2	Pass
Chlorantraniliprole	ND	0.030	0.006	40	Pass	Piperonyl Butoxide	ND	0.030	0.006	8	Pass
Clofentezine	ND	0.030	0.005	0.5	Pass	Prallethrin	ND	0.055	0.018	0.4	Pass
Cyfluthrin	ND	0.056	0.019	1	Pass	Propiconazole	ND	0.037	0.012	20	Pass
Cypermethrin	ND	0.044	0.015	1	Pass	Pyrethrins	ND	0.030	0.002	1	Pass
Diazinon	ND	0.030	0.009	0.2	Pass	Pyridaben	ND	0.030	0.005	3	Pass
Dimethomorph	ND	0.030	0.009	20	Pass	Spinetoram	ND	0.030	0.003	3	Pass
Etoxazole	ND	0.030	0.003	1.5	Pass	Spinosad	ND	0.030	0.003	3	Pass
Fenhexamid	ND	0.030	0.008	10	Pass	Spiromesifen	ND	0.030	0.005	12	Pass
Fenpyroximate	ND	0.030	0.005	2	Pass	Spirotetramat	ND	0.030	0.006	13	Pass
Flonicamid	ND	0.046	0.015	2	Pass	Tebuconazole	ND	0.030	0.009	2	Pass
Fludioxonil	ND	0.048	0.016	30	Pass	Thiamethoxam	ND	0.030	0.006	4.5	Pass
Hexythiazox	ND	0.031	0.010	2	Pass	Trifloxystrobin	ND	0.030	0.002	30	Pass
<u>Imidacloprid</u>	ND	0.030	0.009	3	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 PESTMYCO-LC-INST-004 and PEST-GC-INST-003.



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