

Certificate of Analysis

ICAL ID: 20221010-059 Sample: CA221010-017-034 CBC Single Extract (500mg) – Protect Strain: CBC Single Extract (500mg) – Protect Category: Ingestible

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

Lic.#

Batch Size Collected: Total Batch Size:

Collected: 10/26/2022; Received: 10/26/2022

Completed: 10/26/2022

Moisture	Δ9-ΤΗС	CBD	Total Cannabinoids	Total Terpenes
NT Water Activity	ND	ND	515.08 mg/unit	0.000 mg/g

Summary	SOP Used	Date Tested	
Batch			Pass
Cannabinoids	POT-PREP-004	10/11/2022	Complete
Terpenes	TERP-PREP-001	10/11/2022	Complete
Residual Solvents	RS-PREP-001	10/11/2022	Pass
Microbials	MICRO-PREP-001	10/12/2022	Pass
Mycotoxins	PESTMYCO-LC-PREP-001	10/11/2022	Pass
Heavy Metals	HM-PREP-001	10/11/2022	Pass
Pesticides	PESTMYCO-LC-PREP-001/	10/11/2022	Pass
	PEST-GC-PREP-001		





Scan to see results

Cannahinoid Profile

Cannabinoid Profile									1 Unit = 30r	nL bott	le, 27.9	g. 1 mL	= 0.93 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	CBDV	0.0368	0.0049	ND	ND	ND	ND
Δ9-THC	0.0368	0.0053	ND	ND	ND	ND	CBN	0.0368	0.0074	ND	ND	ND	ND
Δ8-THC	0.0368	0.0055	ND	ND	ND	ND	CBGa	0.0534	0.0178	ND	ND	ND	ND
THCV	0.0368	0.0048	ND	ND	ND	ND	CBG	0.0368	0.0061	ND	ND	ND	ND
CBDa	0.0368	0.0059	ND	ND	ND	ND	CBC	0.0444	0.0148	1.846	18.46	17.17	515.08
CBD	0.0368	0.0050	ND	ND	ND	ND	Total THC			ND	ND	ND	ND
·							Total CBD			ND	ND	ND	ND
							Total			1.85	18.46	17.17	515.08

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

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g
α-Bisabolol	0.193	0.064	ND	ND	δ-3-Carene	0.306	0.024	ND	ND
α-Cedrene	0.151	0.032	ND	ND	δ-Limonene	0.449	0.150	ND	ND
α-Humulene	0.151	0.026	ND	ND	Eucalyptol	0.244	0.081	ND	ND
α-Pinene	0.151	0.022	ND	ND	Fenchol	0.152	0.024	ND	ND
α-Terpinene	0.163	0.054	ND	ND	Fenchone	0.151	0.025	ND	ND
α-Terpineol	0.154	0.033	ND	ND	y-Terpinene	0.152	0.033	ND	ND
β-Caryophyllene	0.608	0.179	ND	ND	Geraniol	0.609	0.114	ND	ND
β-Eudesmol	0.227	0.076	ND	ND	Geranyl Acetate	0.151	0.030	ND	ND
β-Myrcene	0.153	0.015	ND	ND	Isoborneol	0.151	0.033	ND	ND
β-Pinene	0.306	0.027	ND	ND	Linalool	0.154	0.036	ND	ND
Borneol	0.154	0.024	ND	ND	Menthol	0.215	0.072	ND	ND
Camphene	0.151	0.017	ND	ND	(-)-Guaiol	0.154	0.029	ND	ND
Camphor	0.306	0.055	ND	ND	Pulegone	0.169	0.056	ND	ND
Caryophyllene Oxide	0.602	0.113	ND	ND	p-Cymene	0.175	0.058	ND	ND
Cedrol	0.207	0.069	ND	ND	Terpinolene	0.154	0.013	ND	ND
cis-Nerolidol	0.251	0.084	ND	ND	trans-Nerolidol	0.222	0.074	ND	ND
Citronellol	0.598	0.120	ND	ND	Total			0	0

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# C8-0000047-LIC

Josh Swider Lab Director, Managing Partner 10/26/2022

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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.

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Certificate of Analysis

ICAL ID: 20221010-059 Sample: CA221010-017-034 CBC Single Extract (500mg) – Protect Strain: CBC Single Extract (500mg) – Protect Category: Ingestible Rare Cannabinoid Company Lic. # P.O. Box 61242 Honolulu, HI 96839

Lic.#

Batch#: 4452 Batch Size Collected: Total Batch Size:

Collected: 10/26/2022; Received: 10/26/2022

Completed: 10/26/2022

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	ND	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	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	<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	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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10/26/2022

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Status

Tested

Tested

Tested

Tested

Pass

Pass



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

Lic.#

Batch#: 4452 Batch Size Collected: Total Batch Size:

µg/kg

NĎ

ND

ND

ND

ND

ND

Collected: 10/26/2022; Received: 10/26/2022

μg/kg 2.05

1.63

1.77

1.02

5.42

Limit

µg/kg

Completed: 10/26/2022

μg/kg 6.2

5.38

Chemical Residue Screening

Category 1		LOQ	LOD	Status	Mycotoxins
	μg/g	µg/g	μg/g		
Aldicarb	ND	0.030	0.009	Pass	B1
Carbofuran	ND	0.030	0.002	Pass	B2
Chlordane	ND	0.075	0.025	Pass	G1
Chlorfenapyr	ND	0.075	0.025	Pass	G2
Chlorpyrifos	ND	0.030	0.008	Pass	Ochratoxin A
Coumaphos	ND	0.030	0.005	Pass	Total Aflatoxins
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	
Paclobutrazol	ND	0.030	0.006	Pass	
Parathion Methyl	ND	0.024	0.008	Pass	
Propoxur	ND	0.030	0.005	Pass	
Spiroxamine	ND	0.030	0.003	Pass	
<u>Thiacloprid</u>	ND	0.030	0.002	Pass	

μg/g 0.007 0.005	Limit µg/g 1	<u>Status</u>
0.007	μg/g 1	_
	1	
0 005	_	Pass
		Pass
0.009	0.3	Pass
0.018	0.2	Pass
0.002	20	Pass
0.005	0.2	Pass
0.006	8	Pass
0.018	0.4	Pass
0.012	20	Pass
0.002	1	Pass
0.005	3	Pass
0.003	3	Pass
0.003	3	Pass
		Pass
0.002	30	1 033
	0.006 0.007 0.005 0.009 0.018 0.002 0.005 0.006 0.018 0.012 0.002 0.005 0.003 0.003 0.003 0.006 0.009	0.005 5 0.003 15 0.006 0.1 0.007 9 0.005 0.5 0.009 0.3 0.018 0.2 0.005 0.2 0.006 8 0.018 0.4 0.012 20 0.002 1 0.005 3 0.003 3 0.003 3 0.003 3 0.005 12 0.006 13 0.009 2 0.006 4.5

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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