



Certificate of Analysis

ICAL ID: 20220421-045 Sample: CA220420-004-006 Koi Naturals Hemp Extract CBD Oil Tincture | Strawberry Flavored (1000 mg) Strain: Koi Naturals Hemp Extract CBD Oil Tincture | Strawberry Flavored (1000 mg) Category: Ingestible

Koi CBD Lic.# 14631 Best Ave Norwalk, CA 90650

Lic.#

Batch#: 2304BB0424 Batch Size Collected: Total Batch Size: Collected: 04/26/2022; Received: 04/26/2022 Completed: 04/26/2022

Moisture Δ9-ΤΗС **CBD Total Cannabinoids Total Terpenes** NT

Water Activity NT

1.84 mg/unit

1,097.67 mg/unit 1,198.73 mg/unit

NT

Summary **SOP** Used **Date Tested** Batch Pass POT-PREP-004 04/26/2022 Cannabinoids Complete Residual Solvents RS-PREP-001 04/26/2022 **Pass** Microbials MICRO-PREP-001 04/26/2022 Pass PESTMYCO-LC-PREP-001 Mycotoxins 04/26/2022 Pass HM-PREP-001 04/26/2022 Heavy Metals Pass FM-PREP-001 Foreign Matter 04/25/2022 **Pass** Pesticides PESTMYCO-LC-PREP-001/ 04/26/2022 Pass PEST-GC-PREP-001





Scan to see results

1 Unit = bottle, $29.5 \, \text{g}$, $1 \, \text{mL} = 0.93 \, \text{g}$.

Cannabinoid Profile

Analyte LOQ (mg/g) mg/g mg/mL mg/unit THCa 0.0368 ND ND ND Δ9-THC 0.0053 0.006 0.06 0.06 1.84 Δ8-ΤΗС 0.0055 ND ND ND ND THCV ND ND ND ND CBDa 0.0059 ND ND ND ND 37.21 CBD 0.0050 34.60 1097.67

				,	. 0	
Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	mg/mL	mg/unit
CBDV	0.0368	0.0049	0.040	0.40	0.37	11.80
CBN	0.0368	0.0074	0.084	0.84	0.78	24.87
CBGa	0.0534	0.0178	ND	ND	ND	ND
CBG	0.0368	0.0061	0.070	0.70	0.65	20.62
CBC	0.0444	0.0148	0.142	1.42	1.32	41.94
Total THC			0.01	0.06	0.06	1.84
Total CBD			3.72	37.21	34.60	1097.67
Total			4.06	40.63	37.79	1198.73

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

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 04/26/2022

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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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Residual Solvent Analysis

Category 1		LOQ	LOD	Limit	Status	Category 2	LOQ	LOD Limit	Status	Category 2		LOQ LOD Limi	t Status
1,2-Dichloro-Ethane	μg/g ND	μg/g 0.31	μg/g 0.103	μg/g 1	Pass	Acetone	µg/g µg/g ND 51.246	μg/g μg/g 2.5725000	Pass	n-Hexane	μg/g ND	µg/g µg/g µg/ 0.931 0.31 29	
Benzene	ND	0.088	0.029	1	Pass	Acetonitrile	ND 0.798	0.266 410	Pass	Isopropanol	ND	5.0373 1.679 500	0 Pass
Chloroform	ND	0.174	0.058	1	Pass	Butane	ND 4.849	1.1145000	Pass	Methanol	ND	4.665 1.555 300	0 Pass
Ethylene Oxide	ND	0.757	0.252	1	Pass	Ethanol	563.0 40.542 1	13.5145000	Pass	Pentane	ND	17.255 5.752 500	0 Pass
Methylene-Chloride	ND	0.729	0.148	1	Pass	Ethyl-Acetate	ND 2.288	0.4365000	Pass	Propane	ND	26.109 8.703 500	0 Pass
Trichloroethene	ND	0.19	0.063	1	Pass	Ethyl-Ether	ND 2.869	0.5935000	Pass	Toluene	ND	0.864 0.135 89	O Pass
						Heptane	ND 6.548	2.1835000	Pass	Xylenes	ND	2.572 0.558 217	0 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	ND	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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Status

Tested

Tested

Tested

Tested

Pass

Pass



Propoxur

Spiroxamine

Thiacloprid

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ND

ND

ND

0.030

Koi CBD Lic. # 14631 Best Ave Norwalk, CA 90650

Lic.#

Batch#: 2304BB0424 Batch Size Collected: Total Batch Size: Collected: 04/26/2022; Received: 04/26/2022 Completed: 04/26/2022

> μg/kg 6.2

> > 5.38

µg/kg

NĎ

ND

ND

ND

ND

ND

μg/kg 2.05

1.63

1.77

1.02

5.42

Limit

µg/kg

Chemical Residue Screening

Category 1		LOQ	LOD	Status	Mycotoxins	
	μg/g	µg/g	μg/g	<u>.</u>		
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		
lmazalil	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		

0.005

0.003

0.002

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						

Pass

Pass Pass

Other Analyte(s):

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