

CannaSafe - LA Van Nuys, CA 91406 (818) 922-2416 https://www.csalabs.com Lic# C8-0000040-LIC

# Koi Hemp Extract CBD Vape Juice | Blue Raspberry Dragon Fruit (250 mg)

Sample ID: 2111CSALA7741.1281 Matrix: Concentrates & Extracts Type: Tincture Sample Size: 1 units Batch Size: Batch#: 2170BB1123

Produced: 11/03/2021 Collected: 11/03/2021 Received: 11/03/2021 Completed: 11/08/2021



Canna	binoid	S			Pass
Testing me	ethod: HP <mark>L</mark>	C-SOP 101			
Analyte	LOD	LOQ	Results	Results	
	mg/ml	mg/ml	mg/ml	mg/package	To an annual second
CBD	0.0196	0.028	9.1044	273.1314	
CBDV	0.0229	0.028	<1mg/mL	<loq< td=""><td></td></loq<>	
CBC	0.0239	0.028	ND	ND	
CBCA *	0.0248	0.028	ND	ND	
CBDa	0.0149	0.028	ND	ND	
CBDVA *	0.0267	0.028	ND	ND	
CBG	0.0257	0.028	ND	ND	
CBGa	0.021	0.028	ND	ND	
CBN	0.0275	0.028	ND	ND	
CBT *	0.0235	0.1093	ND	ND	
THCa	0.0206	0.028	ND	ND	
THCV	0.0271	0.028	ND	ND	
THCVA *	0.0272	0.028	ND	ND	
Δ8-THC	0.0247	0.028	ND	ND	
Δ9-THC	0.0232	0.028	ND	ND	
ND 273.1314 mg/package					

ND	273.1314 mg/раскаge				
Total THC	Total CBD				

1 serving = 1 Dropper, 1.0 milliliters; Density = 1.1211 g/ml; 30.0 servings per package; 0.0 mg/package Total THC; 273.1314 mg/package Total CBD; Date Tested: 11/04/2021

Total THC = THCa \* 0.877 + d9-THC

Total CBD = CBDa \* 0.877 + CBD

LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected. \* Denotes analytes pending ISO-17025 scope addition

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

Summary					Pass
273.1314 mg/package	Pass			Pas	S
Total Cannabinoids	Р	esticides		Residual S	olvents
Pass		Pass		Pass	
Microbials	M	ycotoxins		Heavy N	letals
Terpenes				Coi	mplete
Testing method: HS-GC-FIE	) – SOP 2	01			
Analyte	LOD	LOQ	Results	Results (1997)	
	%	%	%	mg/g	
Isopulegol	0.009	0.0282	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
α-Bisabolol	0.01	0.0295	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Geraniol	0.007	0.0205	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
α-Humulene	0.006	0.0173	ND	ND	
β-Pinene	0.005	0.0147	ND	ND	
Camphene	0.005	0.0163	ND	ND	
Caryophyllene Oxide	0.029	0.0874	ND	ND	
Eucalyptol	0.006	0.0175	ND	ND	
Guaiol	0.011	0.0334	ND	ND	
Linalool	0.008	0.0228	ND	ND	
Ocimene	0.004	0.0109	ND	ND	
p-Cymene	0.005	0.0162	ND	ND	
Terpinolene	0.006	0.0168	ND	ND	
trans-Nerolidol	0.007	0.0219	ND	ND	
α-Pinene	0.006	0.0175	ND	ND	
α-Terpinene	0.005	0.0165	ND	ND	
β-Caryophyllene	0.006	0.0173	ND	ND	
β-Myrcene	0.008	0.024	ND	ND	
γ-Terpinene	0.006	0.0168	ND	ND	
δ-3-Carene	0.005	0.016	ND	ND	
δ-Limonene	0.005	0.0159	ND	ND	
Total			0.00	0.00	

NT Moisture Moisture Analyzer SOP-103

NT Water Activity Water Activity Meter SOP-102

Pass Foreign Matter Visual Inspection SOP-600

Date Tested: 11/04/2021





Accreditation No. 73653

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Neya Jourabchian Laboratory Director 11/08/2021

Brandon Hill COA Review 11/08/2021

The values reported pertain only to the product tested. R&D Sample Only. Tested as-is/received from client. Unless otherwise stated all Laboratory Quality Control (LQC) samples performed within specifications established by the BCC in 16 CCR section 5730. Sample tested per CALIFORNIA CODE OF REGULATIONS, TITLE 16, DIVISION 42. BUREAU OF CANNABIS CONTROL.



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Pass

# Koi Hemp Extract CBD Vape Juice | Blue Raspberry Dragon Fruit (250 mg)

Sample ID: 2111CSALA7741.1281 Matrix: Concentrates & Extracts Type: Tincture Sample Size: 1 units Batch Size: Batch#: 2170BB1123

Produced: 11/03/2021 Collected: 11/03/2021 Received: 11/03/2021 Completed: 11/08/2021 Client Koi CBD Lic. # 14631 Best Ave Norwalk, CA 90650

## Pesticides

Testing method: LCMS & GCMS-SOP 301 and 302

Analyte	LOD	LOQ	Limit	Results	Status	Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	µg/g	µg/g	µg/g			µg/g	µg/g	µg/g	µg/g	
Abamectin	0.037	0.068	0.3	ND	Pass	Fludioxonil	0.05	0.078	30	ND	Pass
Acephate	0.035	0.078	5	ND	Pass	Hexythiazox	0.041	0.078	2	ND	Pass
Acequinocyl	0.033	0.078	4	ND	Pass	lmazalil *	0.047	0.078	0.047	ND	Pass
Acetamiprid	0.034	0.078	5	ND	Pass	Imidacloprid	0.033	0.078	3	ND	Pass
Aldicarb *	0.032	0.078	0.032	ND	Pass	Kresoxim Methyl	0.033	0.078	1	ND	Pass
Azoxystrobin	0.033	0.078	40	ND	Pass	Malathion	0.05	0.078	5	ND	Pass
Bifenazate	0.069	0.078	5	ND	Pass	Metalaxyl	0.036	0.078	15	ND	Pass
Bifenthrin	0.067	0.078	0.5	ND	Pass	Methiocarb *	0.05	0.078	0.05	ND	Pass
Boscalid	0.045	0.078	10	ND	Pass	Methomyl	0.04	0.078	0.1	ND	Pass
Captan	0.3188	0.625	5	ND	Pass	Methyl Parathion *	0.0387	0.0781	0.0387	ND	Pass
Carbaryl	0.04	0.078	0.5	ND	Pass	Mevinphos *	0.034	0.078	0.034	ND	Pass
Carbofuran *	0.034	0.078	0.034	ND	Pass	Myclobutanil	0.062	0.078	9	ND	Pass
Chlorantraniliprole	0.033	0.078	40	ND	Pass	Naled	0.052	0.078	0.5	ND	Pass
Chlordane *	0.0245	0.0781	0.0245	ND	Pass	Oxamyl	0.033	0.078	0.2	ND	Pass
Chlorfenapyr *	0.0178	0.0781	0.0178	ND	Pass	Paclobutrazol *	0.062	0.078	0.062	ND	Pass
Chlorpyrifos *	0.033	0.078	0.033	ND	Pass	Pentachloronitrobenzene	0.0358	0.0781	0.2	ND	Pass
Clofentezine	0.047	0.078	0.5	ND	Pass	Permethrin	0.05	0.078	20	ND	Pass
Coumaphos *	0.041	0.078	0.041	ND	Pass	Phosmet	0.033	0.078	0.2	ND	Pass
Cyfluthrin	0.148	0.156	1	ND	Pass	Piperonyl Butoxide	0.039	0.078	8	ND	Pass
Cypermethrin	0.079	0.156	1	ND	Pass	Prallethrin	0.041	0.078	0.4	ND	Pass
Daminozide *	0.043	0.078	0.043	ND	Pass	Propiconazole	0.04	0.078	20	ND	Pass
DDVP *	0.037	0.078	0.037	ND	Pass	Propoxur *	0.041	0.078	0.041	ND	Pass
Diazinon	0.031	0.078	0.2	ND	Pass	Pyrethrins	0.188	0.22	1	ND	Pass
Dimethoate *	0.028	0.078	0.028	ND	Pass	Pyridaben	0.059	0.078	3	ND	Pass
Dimethomorph	0.033	0.078	20	ND	Pass	Spinetoram	0.042	0.078	3	ND	Pass
Ethoprophos *	0.029	0.078	0.029	ND	Pass	Spinosad	0.038	0.079	3	ND	Pass
Etofenprox *	0.038	0.078	0.038	ND	Pass	Spiromesifen	0.038	0.078	12	ND	Pass
Etoxazole	0.034	0.078	1.5	ND	Pass	Spirotetramat	0.031	0.078	13	ND	Pass
Fenhexamid	0.072	0.078	10	ND	Pass	Spiroxamine *	0.031	0.078	0.031	ND	Pass
Fenoxycarb *	0.028	0.078	0.028	ND	Pass	Tebuconazole	0.034	0.078	2	ND	Pass
Fenpyroximate	0.025	0.078	2	ND	Pass	Thiacloprid *	0.033	0.078	0.033	ND	Pass
Fipronil *	0.057	0.078	0.057	ND	Pass	Thiamethoxam	0.039	0.078	4.5	ND	Pass
Flonicamid	0.043	0.078	2	ND	Pass	Trifloxystrobin	0.039	0.078	30	ND	Pass

Date Tested: 11/04/2021

\* Denotes Category I pesticides, which fail when detected; LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected.



ISO / IEC 17025:2017 ACCREDITED Accreditation No. 73653

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Neya Jourabchian Laboratory Director 11/08/2021

Brandon Hill COA Review 11/08/2021

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Pass

Pass

Pass

# Koi Hemp Extract CBD Vape Juice | Blue Raspberry Dragon Fruit (250 mg)

Sample ID: 2111CSALA7741.1281 Matrix: Concentrates & Extracts Type: Tincture Sample Size: 1 units Batch Size: Batch#: 2170BB1123

Produced: 11/03/2021 Collected: 11/03/2021 Received: 11/03/2021 Completed: 11/08/2021 Client Koi CBD Lic. # 14631 Best Ave Norwalk, CA 90650

## Microbials

Testing method: PCR-SOP 401		
Analyte	Result	Status
Salmonella	Not Detected	Pass
Shiga toxin-producing E. Coli	Not Detected	Pass

Date Tested: 11/05/2021

LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected.

## Mycotoxins

Testing method: LCMS-SOP 301

Analyte	LOD	LOQ	Limit	Results	Status	
	μg/kg	µg/kg	µg/kg	µg/kg		
Aflatoxin B1	2.0	3.9		ND	Tested	
Aflatoxin B2	3.0	3.9		ND	Tested	
Aflatoxin G1	2.4	3.9		ND	Tested	
Aflatoxin G2	3.1	3.9		ND	Tested	
Total Aflatoxins	10.5	15.6	20	ND	Pass	
Ochratoxin A	6.4	15.5	20	ND	Pass	

Date Tested: 11/04/2021

LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected.

## Heavy Metals

Testing method: ICPMS-SOP 502

resultg method. ICr	FINIS-SOF 502					
Analyte	LOD	LOQ	Limit	Results	Status	
	μg/g	µg/g	µg/g	µg/g		
Arsenic	0.005	0.05	1.5	<loq< th=""><th>Pass</th><th></th></loq<>	Pass	
Cadmium	0.003	0.05	0.5	ND	Pass	
Lead	0.01	0.05	0.5	0.125	Pass	
Mercury	0.002	0.05	3	<loq< th=""><th>Pass</th><th></th></loq<>	Pass	

Date Tested: 11/04/2021

LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected.



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Neya Jourabchian Laboratory Director 11/08/2021 Brandon Hill COA Review 11/08/2021

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Pass

#### Koi Hemp Extract CBD Vape Juice | Blue Raspberry Dragon Fruit (250 mg)

Sample ID: 2111CSALA7741.1281			
Matrix: Concentrates & Extracts		Client	
Type: Tincture	Produced: 11/03/2021	Koi CBD	
Sample Size: 1 units	Collected: 11/03/2021	Lic. #	
Batch Size:	Received: 11/03/2021	14631 Best Ave	
Batch#: 2170BB1123	Completed: 11/08/2021	Norwalk, CA 90650	

# **Residual Solvents**

Testing method: HSGCMS-SOP 202

Testing method: HSGCMS-SOP 202					
Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	µg/g	µg/g	µg/g	
1,2-Dichloroethane	0.08	1.0	1	ND	Pass
Acetone	9.19	50.0	5000	ND	Pass
Acetonitrile	17.49	58.35	410	ND	Pass
Benzene	0.09	1.0	1	ND	Pass
Butane	35.32	117.8	5000	ND	Pass
Chloroform	0.21	1.0	1	ND	Pass
Ethanol	14.96	50.0	5000	55.4	Pass
thyl acetate	12.8	50.0	5000	71.1	Pass
thylene Oxide	0.3	1.0	1	ND	Pass
thyl ether	16.0	53.36	5000	ND	Pass
leptane	42.11	140.48	5000	ND	Pass
sopropyl alcohol	19.79	66.02	5000	ND	Pass
Aethanol	149.0	497.01	3000	ND	Pass
/lethylene chloride	0.11	1.0	1	ND	Pass
lexane	33.99	113.37	290	ND	Pass
entane	28.08	93.67	5000	ND	Pass
ropane	42.44	141.57	5000	ND	Pass
oluene	23.99	80.03	890	ND	Pass
richloroethylene	0.06	1.0	1	ND	Pass
Total xylenes	65.49	218.45	2170	ND	Pass
···· / ···					

Date Tested: 11/04/2021

LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected.



Neya format

Neya Jourabchian Laboratory Director 11/08/2021

Brandon Hill COA Review 11/08/2021

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ICAL ID: 20220412-071 Sample: CA220412-019-052 Koi Hemp Extract CBD Vape Juice | Blue Raspberry Dragon Fruit (500 mg) Strain: Koi Hemp Extract CBD Vape Juice | Blue Raspberry Dragon Fruit (500 mg) Category: Concentrates & Extracts

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

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

1 of 3

Batch#: 2375BB0422 Batch Size Collected: Total Batch Size: Collected: 04/15/2022; Received: 04/15/2022 Completed: 04/15/2022

Moisture <b>NT</b> Water Activity <b>NT</b>		Total THC <b>ND</b>	Total CBD 503.15 mg/unit	Total Cannabinoids 505.75 mg/unit	Total Terpenes <b>NT</b>
<b>Summary</b> Batch	SOP Used	Date Tested	Pass		

Batch			Pass
Cannabinoids	POT-PREP-004	04/13/2022	Complete
<b>Residual Solvents</b>	RS-PREP-001	04/13/2022	Pass
Microbials	MICRO-PREP-001	04/14/2022	Pass
Mycotoxins	PESTMYCO-LC-PREP-001	04/13/2022	Pass
Heavy Metals	HM-PREP-001	04/13/2022	Pass
Foreign Matter	FM-PREP-001	04/13/2022	Pass
Pesticides	PESTMYCO-LC-PREP-001/	04/13/2022	Pass
	PEST-GC-PREP-001		





**Cannabinoid Profile** 

Canna	binoid Pr	ofile							1 Unit = 30 mL bottle, 33.3 g. 1 mL = 1.11 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	0.008	0.08	0.09	2.60	
∆9-THC	0.0368	0.0053	ND	ND	ND	ND	CBN	0.0368	0.0074	ND	ND	ND	ND	
∆8-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	ND	ND	ND	ND	
CBD	0.0368	0.0050	1.511	15.11	16.77	503.15	Total THC			ND	ND	ND	ND	
							Total CBD			1.51	15.11	16.77	503.15	
							Total			1.52	15.19	16.86	505.75	

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 Profil	е						
Analyte	LOQ (mg/g)	LOD (mg/g) %	mg/g	Analyte	LOQ (mg/g)	LOD (mg/g) 🧏	s 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# C8-0000047-LIC

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Josh Swider Lab Director, Managing Partner 04/15/2022



ICAL ID: 20220412-071 Sample: CA220412-019-052 Koi Hemp Extract CBD Vape Juice | Blue Raspberry Dragon Fruit (500 mg) Strain: Koi Hemp Extract CBD Vape Juice | Blue Raspberry Dragon Fruit (500 mg) Category: Concentrates & Extracts

Koi CBD Lic. # 14631 Best Ave Norwalk, CA 90650 2 of 3

Batch#: 2375BB0422 Batch Size Collected: Total Batch Size: Collected: 04/15/2022; Received: 04/15/2022 Completed: 04/15/2022

# **Residual Solvent Analysis**

Category 1		LOQ	LODI	Limit	Status	Category 2		LOQ	LOD Limit	Status	Category 2	LOQ	LOD Limit	Status
1,2-Dichloro-Ethane	µg/g ND	μg/g 0.509	μg/g 0.17	µg/g 1	Pass	Acetone	µg/g ND :	µg/g 51.246 :	μg/g μg/g 17.082 5000	Pass	n-Hexane	<b>µg/g</b> µg/g ND 0.2807	μg/g μg/g 0.0659 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	26.9	7.843	2.614 5000	Pass	Pentane	ND 4.271	0.962 5000	Pass
Methylene-Chloride	ND	0.7288	0.1267	1	Pass	Ethyl-Acetate	61.1	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 RS-INST-003.

## **Heavy Metal Screening**

		LOQ	LOD	Limit	Status
	μg/g	µg/g	µg/g	µg/g	
Arsenic	ND	0.009	0.003	0.2	Pass
Cadmium	ND	0.002	0.001	0.2	Pass
Lead	ND	0.004	0.001	0.5	Pass
Mercury	ND	0.014	0.005	0.1	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		Not Detected	Pass
Aspergillus fumigatus		Not Detected	Pass
Aspergillus niger		Not Detected	Pass
Aspergillus terreus		Not Detected	Pass
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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Swider

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Josh Swider Lab Director, Managing Partner 04/15/2022



ICAL ID: 20220412-071 Sample: CA220412-019-052 Koi Hemp Extract CBD Vape Juice | Blue Raspberry Dragon Fruit (500 mg) Strain: Koi Hemp Extract CBD Vape Juice | Blue Raspberry Dragon Fruit (500 mg) Category: Concentrates & Extracts

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

Lic. #

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

3 of 3

Batch#: 2375BB0422 Batch Size Collected: Total Batch Size: Collected: 04/15/2022; Received: 04/15/2022 Completed: 04/15/2022

### **Chemical Residue Screening**

Category 1		LOQ	LOD	Status
	µg/g	µg/g	µg/g	
Aldicarb	ND	0.030	0.008	Pass
Carbofuran	ND	0.030	0.005	Pass
Chlordane	ND	0.075	0.025	Pass
Chlorfenapyr	ND	0.075	0.025	Pass
Chlorpyrifos	ND	0.046	0.015	Pass
Coumaphos	ND	0.030	0.004	Pass
Daminozide	ND	0.053	0.018	Pass
Dichlorvos	ND	0.055	0.018	Pass
Dimethoate	ND	0.030	0.006	Pass
Ethoprophos	ND	0.030	0.006	Pass
Etofenprox	ND	0.030	0.004	Pass
Fenoxycarb	ND	0.030	0.004	Pass
Fipronil	ND	0.050	0.017	Pass
Imazalil	ND	0.030	0.009	Pass
Methiocarb	ND	0.030	0.002	Pass
Mevinphos	ND	0.030	0.008	Pass
Paclobutrazol	ND	0.030	0.009	Pass
Parathion Methyl	ND	0.024	0.008	Pass
Propoxur	ND	0.030	0.008	Pass
Spiroxamine	ND	0.030	0.006	Pass
Thiacloprid	ND	0.030	0.005	Pass

;	Mycotoxins		LOQ	LOD	Limit	Status
	μ	ıg/kg	µg/kg	µg/kg	µg/kg	
;	B1	ND	8.98	2.96		Tested
;	B2	ND	10.17	3.36		Tested
;	G1	ND	5.25	1.73		Tested
;	G2	ND	6.26	2.07		Tested
;	Ochratoxin A	ND	13.37	4.41	20	Pass
;	Total Aflatoxins	ND			20	Pass

					<b>.</b>						<b>.</b>
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	0.099	0.033	0.1	Pass	Kresoxim Methyl	ND	0.030	0.007	0.1	Pass
Acephate	ND	0.030	0.007	0.1	Pass	Malathion	ND	0.030	0.003	0.5	Pass
Acequinocyl	ND	0.046	0.015	0.1	Pass	Metalaxyl	ND	0.030	0.005	2	Pass
Acetamiprid	ND	0.030	0.005	0.1	Pass	Methomyl	ND	0.030	0.009	1	Pass
Azoxystrobin	ND	0.030	0.005	0.1	Pass	Myclobutanil	ND	0.030	0.007	0.1	Pass
Bifenazate	ND	0.030	0.007	0.1	Pass	Naled	ND	0.030	0.008	0.1	Pass
Bifenthrin	ND	0.030	0.004	3	Pass	Oxamyl	ND	0.030	0.007	0.5	Pass
Boscalid	ND	0.030	0.008	0.1	Pass	Pentachloronitrobenzene	ND	0.054	0.018	0.1	Pass
Captan	ND	0.358	0.120	0.7	Pass	Permethrin	ND	0.030	0.002	0.5	Pass
Carbaryl	ND	0.030	0.006	0.5	Pass	Phosmet	ND	0.030	0.005	0.1	Pass
Chlorantraniliprole	ND	0.030	0.009	10	Pass	Piperonyl Butoxide	ND	0.030	0.003	3	Pass
Clofentezine	ND	0.030	0.002	0.1	Pass	Prallethrin	ND	0.071	0.023	0.1	Pass
Cyfluthrin	ND	0.056	0.019	2	Pass	Propiconazole	ND	0.030	0.009	0.1	Pass
Cypermethrin	ND	0.181	0.060	1	Pass	Pyrethrins	ND	0.030	0.003	0.5	Pass
Diazinon	ND	0.030	0.005	0.1	Pass	Pyridaben	ND	0.030	0.002	0.1	Pass
Dimethomorph	ND	0.030	0.005	2	Pass	Spinetoram	ND	0.030	0.001	0.1	Pass
Etoxazole	ND	0.030	0.004	0.1	Pass	Spinosad	ND	0.030	0.001	0.1	Pass
Fenhexamid	ND	0.034	0.011	0.1	Pass	Spiromesifen	ND	0.030	0.009	0.1	Pass
Fenpyroximate	ND	0.030	0.004	0.1	Pass	Spirotetramat	ND	0.030	0.008	0.1	Pass
Flonicamid	ND	0.035	0.012	0.1	Pass	Tebuconazole	ND	0.030	0.006	0.1	Pass
Fludioxonil	ND	0.036	0.012	0.1	Pass	Thiamethoxam	ND	0.030	0.008	5	Pass
Hexythiazox	ND	0.030	0.001	0.1	Pass	Trifloxystrobin	ND	0.030	0.003	0.1	Pass
Imidacloprid	ND	0.033	0.011	5	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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Josh Swider Lab Director, Managing Partner 04/15/2022



ICAL ID: 20220412-072 Sample: CA220412-019-053 Koi Hemp Extract CBD Vape Juice | Blue Raspberry Dragon Fruit (1000 mg) Strain: Koi Hemp Extract CBD Vape Juice | Blue Raspberry Dragon Fruit (1000 mg) Category: Concentrates & Extracts Koi CBD Lic. # 14631 Best Ave Norwalk, CA 90650 Lic. #

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

1 of 3 Batch#: 2376BB0422 Batch Size Collected: Total Batch Size: Collected: 04/15/2022; Received: 04/15/2022 Completed: 04/15/2022

Moisture <b>NT</b> Water Activity <b>NT</b>		Total THC ND	Total CBD <b>1,055.32 mg/unit</b>	Total Cannabinoids <b>1,060.48 mg/unit</b>	Total Terpenes <b>NT</b>
Summary	SOP Used	Date Tested			
Batch			Pass		
Cannabinoids	POT-PREP-004	04/13/2022	Complete		
<b>Residual Solvents</b>	RS-PREP-001	04/13/2022	Pass		
Microbials	MICRO-PREP-001	04/14/2022	Pass		同識得驗同
NA 1 1		0.4/4.0/00.00			22/97200TV22

PESTMYCO-LC-PREP-001 04/13/2022 **Mycotoxins** Pass HM-PREP-001 04/13/2022 Heavy Metals Pass FM-PREP-001 Foreign Matter 04/13/2022 Pass Pesticides PESTMYCO-LC-PREP-001/ 04/13/2022 Pass PEST-GC-PREP-001





Scan to see results

1 Unit = 30 ml bottle, 33.3 g, 1 ml = 1.11 g,

# **Cannabinoid Profile**

Carma		Unic							101110 00			0.0.1.111	T.T.T. 8.
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	0.016	0.16	0.17	5.16
∆9-THC	0.0368	0.0053	ND	ND	ND	ND	CBN	0.0368	0.0074	ND	ND	ND	ND
∆8-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	ND	ND	ND	ND
CBD	0.0368	0.0050	3.169	31.69	35.18	1055.32	Total THC			ND	ND	ND	ND
							Total CBD			3.17	31.69	35.18	1055.32
							Total			3.18	31.85	35.35	1060.48

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.

# Analyte LOQ (mg/g) LOD (mg/g) Mg/g Analyte LOQ (mg/g) LOD (mg/g) % 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.



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Josh Swider Lab Director, Managing Partner 04/15/2022



ICAL ID: 20220412-072 Sample: CA220412-019-053 Koi Hemp Extract CBD Vape Juice | Blue Raspberry Dragon Fruit (1000 mg) Strain: Koi Hemp Extract CBD Vape Juice | Blue Raspberry Dragon Fruit (1000 mg) Category: Concentrates & Extracts

Koi CBD Lic.# 14631 Best Ave Norwalk, CA 90650 2 of 3

Batch#: 2376BB0422 Batch Size Collected: Total Batch Size: Collected: 04/15/2022; Received: 04/15/2022 Completed: 04/15/2022

# **Residual Solvent Analysis**

Category 1		LOQ	LODI	.imit	Status	Category 2		LOQ	LOD Limit	Status	Category 2	LOQ	LOD Limit	Status
1,2-Dichloro-Ethane	µg/g ND	μg/g 0.509	µg/g 0.17	µg/g 1	Pass	Acetone	µg/g ND	µg/g 51.246	μg/g μg/g 17.082 5000	Pass	n-Hexane	<b>µg/g</b> µg/g ND 0.2807	μg/g μg/g 0.0659 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	31.8	7.843	2.614 5000	Pass	Pentane	ND 4.271	0.962 5000	Pass
Methylene-Chloride	ND	0.7288	0.1267	1	Pass	Ethyl-Acetate	65.7	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 RS-INST-003.

## **Heavy Metal Screening**

		LOQ	LOD	Limit	Status
	μg/g	µg/g	µg/g	µg/g	
Arsenic	ND	0.009	0.003	0.2	Pass
Cadmium	ND	0.002	0.001	0.2	Pass
Lead	ND	0.004	0.001	0.5	Pass
Mercury	ND	0.014	0.005	0.1	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		Not Detected	Pass
Aspergillus fumigatus		Not Detected	Pass
Aspergillus niger		Not Detected	Pass
Aspergillus terreus		Not Detected	Pass
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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Josh Swider Lab Director, Managing Partner 04/15/2022



ICAL ID: 20220412-072 Sample: CA220412-019-053 Koi Hemp Extract CBD Vape Juice | Blue Raspberry Dragon Fruit (1000 mg) Strain: Koi Hemp Extract CBD Vape Juice | Blue Raspberry Dragon Fruit (1000 mg) Category: Concentrates & Extracts

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

Lic.#

**QA SAMPLE - INFORMATIONAL ONLY** 

3 of 3

Batch#: 2376BB0422 Batch Size Collected: Total Batch Size: Collected: 04/15/2022; Received: 04/15/2022 Completed: 04/15/2022

**Chemical Residue Screening** 

Category 1		LOQ	LOD	Status
	µg/g	µg/g	µg/g	
Aldicarb	ND	0.030	0.008	Pass
Carbofuran	ND	0.030	0.005	Pass
Chlordane	ND	0.075	0.025	Pass
Chlorfenapyr	ND	0.075	0.025	Pass
Chlorpyrifos	ND	0.046	0.015	Pass
Coumaphos	ND	0.030	0.004	Pass
Daminozide	ND	0.053	0.018	Pass
Dichlorvos	ND	0.055	0.018	Pass
Dimethoate	ND	0.030	0.006	Pass
Ethoprophos	ND	0.030	0.006	Pass
Etofenprox	ND	0.030	0.004	Pass
Fenoxycarb	ND	0.030	0.004	Pass
Fipronil	ND	0.050	0.017	Pass
Imazalil	ND	0.030	0.009	Pass
Methiocarb	ND	0.030	0.002	Pass
Mevinphos	ND	0.030	0.008	Pass
Paclobutrazol	ND	0.030	0.009	Pass
Parathion Methyl	ND	0.024	0.008	Pass
Propoxur	ND	0.030	0.008	Pass
Spiroxamine	ND	0.030	0.006	Pass
Thiacloprid	ND	0.030	0.005	Pass

	Mycotoxins		LOQ	LOD	Limit	Status
		µg/kg	µg/kg	µg/kg	µg/kg	
;	B1	ND	8.98	2.96		Tested
;	B2	ND	10.17	3.36		Tested
	G1	ND	5.25	1.73		Tested
	G2	ND	6.26	2.07		Tested
	Ochratoxin A	ND	13.37	4.41	20	Pass
;	Total Aflatoxins	ND			20	Pass

Cata anna 2		100		1.1	Chattan	Catagory 2				1.1	Chattan
Category 2		LOQ	LOD	Limit	<u>Status</u>	Category 2		LOQ	LOD	Limit	Status
	µg/g	µg/g	µg/g	µg/g	_		µg/g	µg/g	µg/g	µg/g	_
Abamectin	ND	0.099	0.033	0.1	Pass	Kresoxim Methyl	ND	0.030	0.007	0.1	Pass
Acephate	ND	0.030	0.007	0.1	Pass	Malathion	ND	0.030	0.003	0.5	Pass
Acequinocyl	ND	0.046	0.015	0.1	Pass	Metalaxyl	ND	0.030	0.005	2	Pass
Acetamiprid	ND	0.030	0.005	0.1	Pass	Methomyl	ND	0.030	0.009	1	Pass
Azoxystrobin	ND	0.030	0.005	0.1	Pass	Myclobutanil	ND	0.030	0.007	0.1	Pass
Bifenazate	ND	0.030	0.007	0.1	Pass	Naled	ND	0.030	0.008	0.1	Pass
Bifenthrin	ND	0.030	0.004	3	Pass	Oxamyl	ND	0.030	0.007	0.5	Pass
Boscalid	ND	0.030	0.008	0.1	Pass	Pentachloronitrobenzene	ND	0.054	0.018	0.1	Pass
Captan	ND	0.358	0.120	0.7	Pass	Permethrin	ND	0.030	0.002	0.5	Pass
Carbaryl	ND	0.030	0.006	0.5	Pass	Phosmet	ND	0.030	0.005	0.1	Pass
Chlorantraniliprole	ND	0.030	0.009	10	Pass	Piperonyl Butoxide	ND	0.030	0.003	3	Pass
Clofentezine	ND	0.030	0.002	0.1	Pass	Prallethrin	ND	0.071	0.023	0.1	Pass
Cyfluthrin	ND	0.056	0.019	2	Pass	Propiconazole	ND	0.030	0.009	0.1	Pass
Cypermethrin	ND	0.181	0.060	1	Pass	Pyrethrins	ND	0.030	0.003	0.5	Pass
Diazinon	ND	0.030	0.005	0.1	Pass	Pyridaben	ND	0.030	0.002	0.1	Pass
Dimethomorph	ND	0.030	0.005	2	Pass	Spinetoram	ND	0.030	0.001	0.1	Pass
Etoxazole	ND	0.030	0.004	0.1	Pass	Spinosad	ND	0.030	0.001	0.1	Pass
Fenhexamid	ND	0.034	0.011	0.1	Pass	Spiromesifen	ND	0.030	0.009	0.1	Pass
Fenpyroximate	ND	0.030	0.004	0.1	Pass	Spirotetramat	ND	0.030	0.008	0.1	Pass
Flonicamid	ND	0.035	0.012	0.1	Pass	Tebuconazole	ND	0.030	0.006	0.1	Pass
Fludioxonil	ND	0.036	0.012	0.1	Pass	Thiamethoxam	ND	0.030	0.008	5	Pass
Hexythiazox	ND	0.030	0.001	0.1	Pass	Trifloxystrobin	ND	0.030	0.003	0.1	Pass
Imidacloprid	ND	0.033	0.011	5	Pass	<i>'</i> '					

#### Other Analyte(s):

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