

# Koi Hemp Extract CBD Vape Juice | Flavorless Koi White (250 mg)

Sample ID: 2111CSALA7990.1999

Matrix: Concentrates & Extracts

Type: Tincture

Sample Size: 1 units

Batch Size: 1200 units

Batch#: 2224BB1123

Produced: 11/15/2021

Collected: 11/19/2021

Received: 11/19/2021

Completed: 11/24/2021

Client

Koi CBD

Lic. #

14631 Best Ave

Norwalk, CA 90650



## Summary

Pass

<b>256.0398 mg/serving</b> Total Cannabinoids	<b>Pass</b> Pesticides	<b>Pass</b> Residual Solvents
<b>Pass</b> Microbials	<b>Pass</b> Mycotoxins	<b>Pass</b> Heavy Metals

## Cannabinoids

Pass

Testing method: HPLC-SOP 101

Analyte	LOD	LOQ	Results	Results
	mg/ml	mg/ml	mg/ml	mg/serving
CBD	0.0189	0.027	8.6576	256.0398
CBC	0.023	0.027	ND	ND
CBCA *	0.0238	0.027	ND	ND
CBDa	0.0143	0.027	ND	ND
CBDV	0.022	0.027	ND	ND
CBDVA *	0.0257	0.027	ND	ND
CBG	0.0247	0.027	ND	ND
CBGa	0.0202	0.027	ND	ND
CBN	0.0264	0.027	ND	ND
CBT *	0.0227	0.1052	ND	ND
THCa	0.0198	0.027	ND	ND
THCV	0.0261	0.027	ND	ND
THCVA *	0.0262	0.027	ND	ND
Δ8-THC	0.0237	0.027	ND	ND
Δ9-THC	0.0223	0.027	ND	ND

## Terpenes

Complete

Testing method: HS-GC-FID - SOP 201

Analyte	LOD	LOQ	Results	Results
	%	%	%	mg/g
α-Bisabolol	0.01	0.0295	<LOQ	<LOQ
Camphene	0.005	0.0163	ND	ND
Caryophyllene Oxide	0.029	0.0874	ND	ND
Eucalyptol	0.006	0.0175	ND	ND
Geraniol	0.007	0.0205	ND	ND
Guaial	0.011	0.0334	ND	ND
Isopulegol	0.009	0.0282	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-Humulene	0.006	0.0173	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
β-Pinene	0.005	0.0147	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
<b>Total</b>			<b>0.0000</b>	<b>0.0000</b>

<b>ND</b> Total THC	<b>256.0398 mg/serving</b> Total CBD
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Package = 1 Tincture Bottle, 1.0 fluid\_ounces; Density = 1.0788 g/ml; 0.0 mg/package Total THC; 256.0398 mg/package Total CBD;

Date Tested: 11/22/2021

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

Date Tested: 11/22/2021

<b>NT</b> Moisture Moisture Analyzer SOP-103	<b>NT</b> Water Activity Water Activity Meter SOP-102	<b>Pass</b> Foreign Matter Visual Inspection SOP-600 Date Tested: 11/22/2021
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ISO / IEC 17025:2017 ACCREDITED  
LABORATORY  
Accreditation No. 73653

*Neyabourchian*

Neyabourchian  
Laboratory Director  
11/24/2021

*Mikaela Gutierrez*

Mikaela Gutierrez  
COA Review  
11/24/2021

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### Pesticides

Testing method: LCMS &amp; GCMS-SOP 301 and 302

Pass

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	Imazalil *	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
Chlorantranilprole	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: 11/23/2021

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


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 Neyajourabchian  
 Laboratory Director  
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 Mikaela Gutierrez  
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**Koi CBD**

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Norwalk, CA 90650

### Microbials

Pass

Testing method: PCR-SOP 401

Analyte	Result	Status
Salmonella	Not Detected	Pass
Shiga toxin-producing E. Coli	Not Detected	Pass

Date Tested: 11/23/2021

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

### Mycotoxins

Pass

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: 11/23/2021

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

### Heavy Metals

Pass

Testing method: ICPMS-SOP 502

Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	µg/g	µg/g	µg/g	
Arsenic	0.005	0.05	1.5	ND	Pass
Cadmium	0.003	0.05	0.5	ND	Pass
Lead	0.01	0.05	0.5	ND	Pass
Mercury	0.002	0.05	3	<LOQ	Pass

Date Tested: 11/22/2021

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


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Client

**Koi CBD**

Lic. #

14631 Best Ave

Norwalk, CA 90650

### Residual Solvents

**Pass**

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	<LOQ	Pass
Ethyl acetate	12.8	50.0	5000	ND	Pass
Ethylene Oxide	0.3	1.0	1	ND	Pass
Ethyl ether	16.0	53.36	5000	ND	Pass
Heptane	42.11	140.48	5000	ND	Pass
Isopropyl alcohol	19.79	66.02	5000	ND	Pass
Methanol	149.0	497.01	3000	ND	Pass
Methylene chloride	0.11	1.0	1	ND	Pass
Hexane	33.99	113.37	290	ND	Pass
Pentane	28.08	93.67	5000	ND	Pass
Propane	42.44	141.57	5000	ND	Pass
Toluene	23.99	80.03	890	ND	Pass
Trichloroethylene	0.06	1.0	1	ND	Pass
Total xylenes	65.49	218.45	2170	ND	Pass

Date Tested: 11/22/2021

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 Neya Jourabchian  
 Laboratory Director  
 11/24/2021



 Mikaela Gutierrez  
 COA Review  
 11/24/2021



# Certificate of Analysis

QA SAMPLE - INFORMATIONAL ONLY

1 of 3

ICAL ID: 20220419-117  
Sample: CA220419-005-009  
Koi Hemp Extract CBD Vape Juice | Flavorless Koi White (500 mg)  
Strain: Koi Hemp Extract CBD Vape Juice | Flavorless Koi White (500 mg)  
Category: Ingestible

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

Batch#: 2381BB0424  
Batch Size Collected:  
Total Batch Size:  
Collected: 04/22/2022; Received: 04/22/2022  
Completed: 04/22/2022

Moisture NT Water Activity NT	Δ9-THC ND	CBD 488.39 mg/unit	Total Cannabinoids 490.72 mg/unit	Total Terpenes NT
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Summary	SOP Used	Date Tested	
Batch			Pass
Cannabinoids	POT-PREP-004	04/21/2022	Complete
Residual Solvents	RS-PREP-001	04/20/2022	Pass
Microbials	MICRO-PREP-001	04/21/2022	Pass
Mycotoxins	PESTMICO-LC-PREP-001	04/21/2022	Pass
Heavy Metals	HM-PREP-001	04/20/2022	Pass
Pesticides	PESTMICO-LC-PREP-001 / PEST-GC-PREP-001	04/21/2022	Pass



Scan to see results

## Cannabinoid Profile

1 Unit = bottle, 34.74 g. 1 mL = 1.12 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	0.007	0.07	0.08	2.33
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	ND	ND	ND	ND
CBD	0.0368	0.0050	1.406	14.06	15.75	488.39	<b>Total THC</b>			<b>ND</b>	<b>ND</b>	<b>ND</b>	<b>ND</b>
							<b>Total CBD</b>			<b>1.41</b>	<b>14.06</b>	<b>15.75</b>	<b>488.39</b>
							<b>Total</b>			<b>1.41</b>	<b>14.13</b>	<b>15.82</b>	<b>490.72</b>

Total THC=THCa \* 0.877 + Δ9-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
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NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less than the Limit of Detection (LOD)). Analytical instrumentation used: HS-GC-MS; samples analyzed according to SOP TERP-INST-003.



Infinite Chemical Analysis Labs  
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Lic# C8-000047-LIC

*Josh M Swider*

Josh Swider  
Lab Director, Managing Partner  
04/22/2022

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www.confidentcannabis.com



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.



# Certificate of Analysis

QA SAMPLE - INFORMATIONAL ONLY

2 of 3

ICAL ID: 20220419-117  
Sample: CA220419-005-009  
Koi Hemp Extract CBD Vape Juice | Flavorless Koi White (500 mg)  
Strain: Koi Hemp Extract CBD Vape Juice | Flavorless Koi White (500 mg)  
Category: Ingestible

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

Batch#: 2381BB0424  
Batch Size Collected:  
Total Batch Size:  
Collected: 04/22/2022; Received: 04/22/2022  
Completed: 04/22/2022

## 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	µg/g			
1,2-Dichloro-Ethane	ND	0.31	0.103	1	Pass	Acetone	ND	51.246	2.572	5000	Pass	n-Hexane	ND	0.9313	0.3104	290	Pass
Benzene	ND	0.088	0.029	1	Pass	Acetonitrile	ND	0.798	0.266	410	Pass	Isopropanol	26.5	5.0373	1.6791	5000	Pass
Chloroform	ND	0.174	0.058	1	Pass	Butane	ND	4.849	1.114	5000	Pass	Methanol	ND	4.6648	1.5549	3000	Pass
Ethylene Oxide	ND	0.757	0.252	1	Pass	Ethanol	<LOQ	40.542	13.514	5000	Pass	Pentane	ND	17.255	5.752	5000	Pass
Methylene-Chloride	ND	0.7288	0.1475	1	Pass	Ethyl-Acetate	ND	2.288	0.436	5000	Pass	Propane	ND	26.109	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	0.135	890	Pass
						Heptane	ND	6.548	2.183	5000	Pass	Xylenes	ND	2.572	0.558	2170	Pass

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less than 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	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 than 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 M Swider*

Josh Swider  
Lab Director, Managing Partner  
04/22/2022

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 Lic. #

Batch#: 2381BB0424  
 Batch Size Collected:  
 Total Batch Size:  
 Collected: 04/22/2022; Received: 04/22/2022  
 Completed: 04/22/2022

## 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						
Paclbutrazol	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						
Thiacloprid	ND	0.030	0.002	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
Imidacloprid	ND	0.030	0.009	3	Pass						

### Other Analyte(s):

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less than 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  
 04/22/2022

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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.

# Koi Hemp Extract CBD Vape Juice | Flavorless Koi White (1000 mg)

Sample ID: 2112CSALA8129.2418

Matrix: Concentrates & Extracts

Type: Tincture

Sample Size: 1 units

Batch Size: 1600 units

Batch#: 2235BB1123

Produced: 11/19/2021

Collected: 12/02/2021

Received: 12/02/2021

Completed: 12/07/2021

Client

Koi CBD

Lic. #

14631 Best Ave

Norwalk, CA 90650



## Summary

Pass

<b>996.9851 mg/package</b> Total Cannabinoids	<b>Pass</b> Pesticides	<b>Pass</b> Residual Solvents
<b>Pass</b> Microbials	<b>Pass</b> Mycotoxins	<b>Pass</b> Heavy Metals

## Cannabinoids

Pass

Testing method: HPLC-SOP 101

Analyte	LOD	LOQ	Results	Results
	mg/ml	mg/ml	mg/ml	mg/package
CBD	0.0192	0.0274	33.1116	993.3476
CBDV	0.0224	0.0274	0.1213	3.6375
CBC	0.0233	0.0274	ND	ND
CBCA *	0.0242	0.0274	ND	ND
CBDa	0.0146	0.0274	ND	ND
CBDVA *	0.0261	0.0274	ND	ND
CBG	0.0251	0.0274	ND	ND
CBGa	0.0205	0.0274	ND	ND
CBN	0.0268	0.0274	ND	ND
CBT *	0.023	0.1068	ND	ND
THCa	0.0202	0.0274	ND	ND
THCV	0.0265	0.0274	ND	ND
THCVA *	0.0266	0.0274	ND	ND
Δ8-THC	0.0241	0.0274	ND	ND
Δ9-THC	0.0227	0.0274	ND	ND

ND

Total THC

993.3476 mg/package

Total CBD

Package = 1 Tincture Bottle, 30.0 milliliters; Density = 1.0956 g/ml; 0.0

mg/package Total THC; 993.3476 mg/package Total CBD;

Date Tested: 12/03/2021

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

## Terpenes

Complete

Testing method: HS-GC-FID - SOP 201

Analyte	LOD	LOQ	Results	Results
	%	%	%	mg/g
α-Bisabolol	0.01	0.0295	<LOQ	<LOQ
trans-Nerolidol	0.007	0.0219	<LOQ	<LOQ
Geraniol	0.007	0.0205	<LOQ	<LOQ
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
Isopulegol	0.009	0.0282	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
α-Humulene	0.006	0.0173	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
β-Pinene	0.005	0.0147	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
<b>Total</b>			<b>0.0000</b>	<b>0.0000</b>

Date Tested: 12/03/2021

<b>NT</b> Moisture Moisture Analyzer SOP-103	<b>NT</b> Water Activity Water Activity Meter SOP-102	<b>Pass</b> Foreign Matter Visual Inspection SOP-600 Date Tested: 12/03/2021
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LABORATORY  
Accreditation No. 73653

*Neyabchian*

Neyabchian  
Laboratory Director  
12/07/2021

*Mikaela Gutierrez*

Mikaela Gutierrez  
COA Review  
12/07/2021



## Koi Hemp Extract CBD Vape Juice | Flavorless Koi White (1000 mg)

Sample ID: 2112CSALA8129.2418

Matrix: Concentrates &amp; Extracts

Type: Tincture

Sample Size: 1 units

Batch Size: 1600 units

Batch#: 2235BB1123

Produced: 11/19/2021

Collected: 12/02/2021

Received: 12/02/2021

Completed: 12/07/2021

Client

**Koi CBD**

Lic. #

14631 Best Ave

Norwalk, CA 90650

### Pesticides

Testing method: LCMS &amp; GCMS-SOP 301 and 302

**Pass**

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	Imazalil *	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: 12/03/2021

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


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 Accreditation No. 73653



 Ney Jourabchian  
 Laboratory Director  
 12/07/2021



 Mikaela Gutierrez  
 COA Review  
 12/07/2021

## Koi Hemp Extract CBD Vape Juice | Flavorless Koi White (1000 mg)

Sample ID: 2112CSALA8129.2418

Matrix: Concentrates &amp; Extracts

Type: Tincture

Sample Size: 1 units

Batch Size: 1600 units

Batch#: 2235BB1123

Produced: 11/19/2021

Collected: 12/02/2021

Received: 12/02/2021

Completed: 12/07/2021

Client

**Koi CBD**

Lic. #

14631 Best Ave

Norwalk, CA 90650

### Microbials

Pass

Testing method: PCR-SOP 401

Analyte	Result	Status
Salmonella	Not Detected	Pass
Shiga toxin-producing E. Coli	Not Detected	Pass

Date Tested: 12/06/2021

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

### Mycotoxins

Pass

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: 12/03/2021

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

### Heavy Metals

Pass

Testing method: ICPMS-SOP 502

Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	µg/g	µg/g	µg/g	
Arsenic	0.005	0.05	1.5	ND	Pass
Cadmium	0.003	0.05	0.5	ND	Pass
Lead	0.01	0.05	0.5	ND	Pass
Mercury	0.002	0.05	3	ND	Pass

Date Tested: 12/07/2021

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


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## Koi Hemp Extract CBD Vape Juice | Flavorless Koi White (1000 mg)

Sample ID: 2112CSALA8129.2418

Matrix: Concentrates &amp; Extracts

Type: Tincture

Sample Size: 1 units

Batch Size: 1600 units

Batch#: 2235BB1123

Produced: 11/19/2021

Collected: 12/02/2021

Received: 12/02/2021

Completed: 12/07/2021

Client

**Koi CBD**

Lic. #

14631 Best Ave

Norwalk, CA 90650

### Residual Solvents

Pass

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	<LOQ	Pass
Ethyl acetate	12.8	50.0	5000	ND	Pass
Ethylene Oxide	0.3	1.0	1	ND	Pass
Ethyl ether	16.0	53.36	5000	ND	Pass
Heptane	42.11	140.48	5000	ND	Pass
Isopropyl alcohol	19.79	66.02	5000	ND	Pass
Methanol	149.0	497.01	3000	ND	Pass
Methylene chloride	0.11	1.0	1	ND	Pass
Hexane	33.99	113.37	290	ND	Pass
Pentane	28.08	93.67	5000	ND	Pass
Propane	42.44	141.57	5000	ND	Pass
Toluene	23.99	80.03	890	ND	Pass
Trichloroethylene	0.06	1.0	1	ND	Pass
Total xylenes	65.49	218.45	2170	ND	Pass

Date Tested: 12/03/2021

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


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