

## Koi Naturals - Orange 500 mg CBD

METRC Batch:  
METRC Sample:  
**Sample ID: 2404ENC3795\_1049**  
Strain: Orange 500 mg CBD  
Matrix: Ingestible  
Type: Tincture  
Batch#: 3074BB0426

Produced: 04/18/2024  
Collected: 04/18/2024  
Received: 04/18/2024  
Completed: 04/22/2024  
Sample Size: 1 units; Batch: 600 units

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



### Summary

Test	Date Tested	Instr. Method	Result
Batch			Pass
Cannabinoids	04/18/2024	LC-DAD	Complete
Pesticides	04/18/2024	LC-MS	Pass
Mycotoxins	04/18/2024	LC-MS	Pass
Residual Solvents	04/18/2024	HS-GC-MS	Pass
Microbial Impurities	04/19/2024	qPCR	Pass
Heavy Metals	04/19/2024	ICP-MS	Pass
Foreign Matter	04/18/2024	Visual Inspection	Pass

### Cannabinoids

Method: SOP EL-CANNABINOIDS

<b>ND</b> Total THC	<b>553.29 mg/unit</b> Total CBD	<b>574.48 mg/unit</b> Total Cannabinoids
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Analytes	LOD	LOQ	Result	Result	Result
	mg/g	mg/g	%	mg/g	mg/unit
THCa	0.006	0.019	ND	ND	ND
Δ9-THC	0.007	0.020	ND	ND	ND
Δ8-THC	0.007	0.022	ND	ND	ND
THCVa	0.007	0.022	ND	ND	ND
THCV	0.007	0.022	ND	ND	ND
CBDa	0.006	0.020	ND	ND	ND
CBD	0.006	0.019	1.844	18.44	553.29
CBN	0.006	0.018	0.024	0.24	7.11
CBGa	0.007	0.021	ND	ND	ND
CBG	0.007	0.020	0.006	0.06	1.71
CBCa	0.006	0.017	ND	ND	ND
CBC	0.007	0.020	0.041	0.41	12.36
<b>Total THC</b>			<b>ND</b>	<b>ND</b>	<b>ND</b>
<b>Total CBD</b>			<b>1.844</b>	<b>18.44</b>	<b>553.29</b>
<b>Total Cannabinoids</b>			<b>1.915</b>	<b>19.15</b>	<b>574.48</b>
<b>Sum of Cannabinoids</b>			<b>1.915</b>	<b>19.15</b>	<b>574.48</b>

1 Unit = 30g;

Total THC = THCa \* 0.877 + Δ9-THC + Δ8-THC; Total CBD = CBDa \* 0.877 + CBD; Total Cannabinoids = (cannabinoid acid forms \* 0.877) + cannabinoids; Sum of Cannabinoids = cannabinoid acid forms + cannabinoids; LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected. The reported result is based on a sample weight with the applicable moisture content for that sample. Foreign Material Method: SOP EL-FOREIGN; Moisture and Water Activity Method: SOP EL-WATER



*Kevin Nolan*  
Kevin Nolan  
Laboratory Director | 04/22/2024



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### Pesticides

Method: EL-PESTMYCOLCMS

Analytes	LOD	LOQ	Limit	Result	Status	Analytes	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g			µg/g	µg/g	µg/g	µg/g	
Abamectin	0.005	0.02	0.30	ND	Pass	Fludioxonil	0.01	0.05	30.00	ND	Pass
Acephate	0.002	0.01	5.00	ND	Pass	Hexythiazox	0.005	0.02	2.00	ND	Pass
Acequinocyl	0.01	0.02	4.00	ND	Pass	Imazalil	0.05	0.1	0.05	ND	Pass
Acetamiprid	0.005	0.02	5.00	ND	Pass	Imidacloprid	0.005	0.02	3.00	ND	Pass
Aldicarb	0.05	0.1	0.05	ND	Pass	Kresoxim Methyl	0.005	0.02	1.00	ND	Pass
Azoxystrobin	0.005	0.02	40.00	ND	Pass	Malathion	0.02	0.05	5.00	ND	Pass
Bifenazate	0.005	0.01	5.00	ND	Pass	Metalaxyl	0.002	0.005	15.00	ND	Pass
Bifenthrin	0.02	0.05	0.50	ND	Pass	Methiocarb	0.05	0.1	0.05	ND	Pass
Boscalid	0.02	0.05	10.00	ND	Pass	Methomyl	0.01	0.02	0.10	ND	Pass
Captan	0.2	0.3	5.00	ND	Pass	Parathion Methyl	0.02	0.05	0.02	ND	Pass
Carbaryl	0.02	0.05	0.50	ND	Pass	Mevinphos	0.02	0.05	0.02	ND	Pass
Carbofuran	0.05	0.1	0.05	ND	Pass	Myclobutanil	0.005	0.01	9.00	ND	Pass
Chlorantraniliprole	0.002	0.01	40.00	ND	Pass	Naled	0.01	0.02	0.50	ND	Pass
Chlordane	0.05	0.1	0.05	ND	Pass	Oxamyl	0.005	0.01	0.20	ND	Pass
Chlorfenapyr	0.05	0.1	0.05	ND	Pass	Paclobutrazol	0.05	0.1	0.05	ND	Pass
Chlorpyrifos	0.05	0.1	0.05	ND	Pass	PCNB	0.02	0.05	0.20	ND	Pass
Clofentezine	0.01	0.02	0.50	ND	Pass	Permethrin	0.02	0.05	20.00	ND	Pass
Coumaphos	0.02	0.05	0.02	ND	Pass	Phosmet	0.01	0.02	0.20	ND	Pass
Cyfluthrin	0.05	0.1	1.00	ND	Pass	Piperonyl Butoxide	0.02	0.05	8.00	ND	Pass
Cypermethrin	0.1	0.2	1.00	ND	Pass	Prallethrin	0.005	0.02	0.40	ND	Pass
Daminozide	0.02	0.05	0.02	ND	Pass	Propiconazole	0.005	0.01	0.10	ND	Pass
Diazinon	0.002	0.01	0.20	ND	Pass	Propoxure	0.05	0.1	0.05	ND	Pass
Dichlorvos	0.02	0.05	0.02	ND	Pass	Pyrethrins	0.02	0.05	1.00	ND	Pass
Dimethoate	0.02	0.05	0.02	ND	Pass	Pyridaben	0.005	0.01	3.00	ND	Pass
Dimethomorph	0.005	0.02	20.00	ND	Pass	Spinetoram	0.005	0.01	3.00	ND	Pass
Ethoprophos	0.05	0.1	0.05	ND	Pass	Spinosad	0.005	0.01	3.00	ND	Pass
Etofenprox	0.05	0.1	0.05	ND	Pass	Spiromesifen	0.01	0.02	12.00	ND	Pass
Etoazole	0.005	0.02	1.50	ND	Pass	Spirotetramat	0.005	0.01	13.00	ND	Pass
Fenhexamid	0.005	0.02	10.00	ND	Pass	Spiroxamine	0.05	0.1	0.05	ND	Pass
Fenoxycarb	0.05	0.1	0.05	ND	Pass	Tebuconazole	0.005	0.01	2.00	ND	Pass
Fenpyroximate	0.005	0.02	2.00	ND	Pass	Thiacloprid	0.02	0.05	0.02	ND	Pass
Fipronil	0.05	0.1	0.05	ND	Pass	Thiamethoxam	0.005	0.01	4.50	ND	Pass
Flonicamid	0.01	0.02	2.00	ND	Pass	Trifloxystrobin	0.005	0.01	30.00	ND	Pass

Date Tested: 04/18/2024

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*Kevin Nolan*

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Laboratory Director | 04/22/2024



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### Mycotoxins

Method: EL-PESTMYCOLCMS

Analytes	LOD	LOQ	Limit	Result	Status
	µg/kg	µg/kg	µg/kg	µg/kg	
Aflatoxin B1	1.00	2.00		ND	Tested
Aflatoxin B2	1.00	2.00		ND	Tested
Aflatoxin G1	2.00	4.00		ND	Tested
Aflatoxin G2	1.00	2.00		ND	Tested
Ochratoxin A	4.00	10.00	20.00	ND	Pass
Total Aflatoxins			20.00	ND	Pass

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### Residual Solvents

Method: EL-RES\_SOLVENTS

Analytes	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g	
Acetone	33.00	100.00	5000	ND	Pass
Acetonitrile	10.00	30.00	410	ND	Pass
Benzene	0.09	0.28	1	ND	Pass
Butane	10.00	30.00	5000	ND	Pass
Chloroform	0.10	0.29	1	ND	Pass
Ethanol	10.00	30.00	5000	ND	Pass
Ethyl acetate	10.00	30.00	5000	ND	Pass
Ethyl ether	10.00	30.00	5000	ND	Pass
Ethylene oxide	0.08	0.24	1	ND	Pass
Heptane	10.00	30.00	5000	ND	Pass
Hexane	10.00	30.00	290	ND	Pass
Isopropyl alcohol	10.00	30.00	5000	ND	Pass
Methanol	10.00	30.00	3000	ND	Pass
Methylene chloride	0.10	0.31	1	ND	Pass
1,2-Dichloroethane	0.10	0.29	1	ND	Pass
Pentane	10.00	30.00	5000	ND	Pass
Propane	10.00	30.00	5000	ND	Pass
Toluene	10.00	30.00	890	ND	Pass
Total xylenes (ortho-, meta-, para-)	20.00	60.00	2170	ND	Pass
Trichloroethylene	0.10	0.29	1	ND	Pass

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### Microbial Impurities

Method: SOP EL-MICROBIALS

Analytes	Result	Status
Shiga toxin-producing Escherichia coli	Not Detected in 1g	Pass
Salmonella spp	Not Detected in 1g	Pass

Date Tested: 04/19/2024



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### Heavy Metals

Method: SOP EL-HEAVYMETALS

Analytes	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g	
Arsenic	0.012	0.036	1.500	ND	Pass
Cadmium	0.015	0.044	0.500	ND	Pass
Lead	0.055	0.167	0.500	ND	Pass
Mercury	0.005	0.015	3.000	ND	Pass

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