



20mg CBD + 10mg D9 Watermelon  
Sample Matrix:  
CBD/HEMP  
Edibles  
(Ingestion)



DEA No. RA0571996  
FL License # CMTL-0003  
CLIA No. 10D1094068

# Certificate of Analysis

## Compliance Test

**Koi CBD**  
14631 Best Ave.  
Norwalk, CA 90650

Batch # 22KC6FS2WTM  
Batch Date: 2022-06-20  
Extracted From: Hemp

Sampling Method: MSP 7.3.1  
Test Reg State: Florida

Order # GRO220620-130001  
Order Date: 2022-06-20  
Sample # AAC2569

Sampling Date: 2022-06-21  
Lab Batch Date: 2022-06-21  
Completion Date: 2022-06-24

Initial Gross Weight: 19.038 g

Number of Units: 1  
Net Weight per Unit: 4.500 g



Product Image

<b>Potency Tested</b>	<b>Heavy Metals Passed</b>	<b>Mycotoxins Passed</b>	<b>Pesticides Passed</b>	<b>Residual Solvents Passed</b>
<b>Pathogenic Microbiology Passed</b>	<b>Listeria Monocytogenes Passed</b>			

### Potency 10

Specimen Weight: 1526.000 mg

Tested  
SOP13.001 (LCUW)

Pieces For Panel: 4

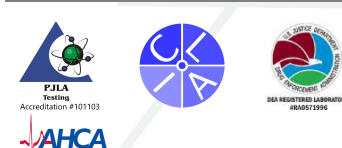
Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBD	1000.000	5.40E-5	0.002	5.180	0.518
Delta-9 THC	1000.000	1.30E-5	0.002	2.500	0.250
CBDV	1000.000	6.50E-5	0.002	0.030	0.003
CBC	1000.000	1.80E-5	0.002	<LOQ	<LOQ
THCA	1000.000	3.20E-5	0.002	<LOQ	<LOQ
CBN	1000.000	1.40E-5	0.002	<LOQ	<LOQ
CBGA	1000.000	8.00E-5	0.002	<LOQ	<LOQ
CBG	1000.000	2.48E-4	0.002	<LOQ	<LOQ
CBDA	1000.000	1.00E-5	0.002	<LOQ	<LOQ
THCV	1000.000	7.00E-6	0.002	<LOQ	<LOQ

### Potency Summary

<b>0.250%</b> Total THC	11.250mg	<b>0.518%</b> Total CBD	23.310mg
- Total CBG	None Detected	- Total CBN	None Detected
<b>0.003%</b> Other Cannabinoids	0.140mg	<b>0.771%</b> Total Cannabinoids	34.700mg

*Xueli Gao*  
Xueli Gao  
Ph.D., DABT  
Lab Toxicologist

*Aixia Sun*  
Aixia Sun  
D.H.Sc., M.Sc., B.Sc., MT (AAB)  
Lab Director/Principal Scientist



Definitions and Abbreviations used in this report: Total CBD = CBD + (CBD-A \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.87), Total THC = THCA-A \* 0.877 + Delta 9 THC, Total THCV = THCV + (THCVA \* 0.87), CBG Total = (CBGA \* 0.877) + CBG, CBN Total = (CBNA \* 0.877) + CBN, Total CBC = CBC + (CBCA \* 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta6a10a-THC + Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate, Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, , LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram, \*Measurement of Uncertainty = +/- 10%

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Order Date: 2022-06-20  
Sample # AACZ569

Sampling Date: 2022-06-21  
Lab Batch Date: 2022-06-21  
Completion Date: 2022-06-24

Initial Gross Weight: 19.038 g

Number of Units: 1  
Net Weight per Unit: 4.500 g

**Pesticides FL V4**  
Specimen Weight: 250.900 mg  
Dilution Factor: 5.979

**Passed**  
SOP13.007 (LCMS/GCMS)

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin		28.23	300	<LOQ	Fludioxonil	48	3000	3000	<LOQ
Acephate		30	3000	<LOQ	Hexythiazox	30	2000	2000	<LOQ
Acequinocyl		48	2000	<LOQ	Imazalil	30	100	100	<LOQ
Acetaminophen		30	3000	<LOQ	Imidacloprid	30	3000	3000	<LOQ
Aldicarb		30	100	<LOQ	Kresoxim Methyl	30	1000	1000	<LOQ
Azoxystrobin		10	3000	<LOQ	Malathion	30	2000	2000	<LOQ
Bifenazate		30	3000	<LOQ	Metaxyl	10	3000	3000	<LOQ
Bifenthrin		30	500	<LOQ	Methiocarb	30	100	100	<LOQ
Boscalid		10	3000	<LOQ	Methomyl	30	100	100	<LOQ
Captan		30	3000	<LOQ	methyl-Parathion	10	100	100	<LOQ
Carbaryl		10	500	<LOQ	Mevinphos	10	100	100	<LOQ
Carbofuran		10	100	<LOQ	Myclobutanil	30	3000	3000	<LOQ
Chlorantraniliprole		10	3000	<LOQ	Naled	30	500	500	<LOQ
Chlorfendimorphol		10	100	<LOQ	Oxamyl	30	500	500	<LOQ
Chlorfenapyr		30	100	<LOQ	Paclobutrazol	30	100	100	<LOQ
Chloromequat Chloride		10	3000	<LOQ	Pentachloronitrobenzene	10	200	200	<LOQ
Chlorpyrifos		30	100	<LOQ	Permethrin	30	1000	1000	<LOQ
Clofentezine		30	500	<LOQ	Phosmet	30	200	200	<LOQ
Coumaphos		48	100	<LOQ	Piperonylbutoxide	30	3000	3000	<LOQ
Cyfluthrin		30	1000	<LOQ	Prallethrin	30	400	400	<LOQ
Cypermethrin		30	1000	<LOQ	Propiconazole	30	1000	1000	<LOQ
Daminozide		30	100	<LOQ	Propoxur	30	100	100	<LOQ
Diazinon		30	200	<LOQ	Pyrethrins	30	1000	1000	<LOQ
Dichlorvos		30	100	<LOQ	Pyridaben	30	3000	3000	<LOQ
Dimethoate		30	100	<LOQ	Spinetoram	10	3000	3000	<LOQ
Dimethomorph		48	3000	<LOQ	Spinosad	30	3000	3000	<LOQ
Ethioniazole		30	100	<LOQ	Spiromesifen	30	3000	3000	<LOQ
Etofenprox		30	100	<LOQ	Spirotetramat	30	3000	3000	<LOQ
Etoxazole		30	1500	<LOQ	Spiroxamine	30	100	100	<LOQ
Fenhexamid		10	3000	<LOQ	Tebuconazole	30	1000	1000	<LOQ
Fenoxycarb		30	100	<LOQ	Thiacloprid	30	100	100	<LOQ
Fenpyroximate		30	2000	<LOQ	Thiamethoxam	30	1000	1000	<LOQ
Fipronil		30	100	<LOQ	Trifloxystrobin	30	3000	3000	<LOQ
Fonicamid		30	2000	<LOQ					

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Lab Toxicologist

Aixia Sun  
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**Residual Solvents - FL (CBD)** **Passed**  
SOP13.039 (GCMS)

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloro ethene	0.0094	0.16	8	<LOQ	Heptane	0.0013	1.39	5000	<LOQ
1,2-Dichloro ethane	0.0003	0.04	5	<LOQ	Hexane	0.068	1.17	290	<LOQ
Acetone	0.015	2.08	5000	<LOQ	Isopropyl alcohol	0.0048	1.39	500	<LOQ
Acetonitrile	0.06	1.17	410	<LOQ	Methanol	0.0005	0.69	3000	48.843
Benzene	0.0002	0.02	2	<LOQ	Methylene chloride	0.0029	2.43	600	<LOQ
Butanes	0.4167	2.5	2000	<LOQ	Pentane	0.037	2.08	5000	<LOQ
Chloroform	0.0001	0.04	60	<LOQ	Propane	0.031	5.83	2100	<LOQ
Ethanol	0.0021	2.78	5000	50.396	Toluene	0.0009	2.92	890	<LOQ
Ethyl Acetate	0.0012	1.11	5000	16.004	Total Xylenes	0.0001	2.92	2170	<LOQ
Ethyl Ether	0.0049	1.39	5000	<LOQ	Trichloroethylene	0.0014	0.49	80	<LOQ
Ethylene Oxide	0.0038	0.1	5	<LOQ					

**Mycotoxins** **Passed**  
SOP13.007 (LCMS) **Heavy Metals** **Passed**  
SOP13.048 (ICP-MS)

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	6	20	20	<LOQ	Aflatoxin G2	6	20	20	<LOQ
Aflatoxin B2	6	20	20	<LOQ	Ochratoxin A	12	20	20	<LOQ
Aflatoxin G1	6	20	20	<LOQ					

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	100	1500	1500	<LOQ	Lead (Pb)	100	500	500	<LOQ
Cadmium (Cd)	100	500	500	<LOQ	Mercury (Hg)	100	3000	3000	<LOQ

**Pathogenic Microbiology SAE (MicroArray)** **Passed**  
SOP13.019 (Micro Array) **Listeria Monocytogenes** **Passed**  
SOP13.010 (qPCR)

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Aspergillus flavus	Absence in 1g	Aspergillus terreus	Absence in 1g
Aspergillus fumigatus	Absence in 1g	Salmonella	Absence in 1g
Aspergillus niger	Absence in 1g	STEC E. Coli	Absence in 1g

Analyte	Action Level (cfu/g)	Result
Listeria Monocytogenes	1	Absence in 1g

Xueli Gao, Lab Toxicologist; Aixia Sun, Lab Director/Principal Scientist



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