



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

Certificate of Analysis

Compliance Test

Koi CBD
14631 Best Ave.
Norwalk, CA 90650

Batch # 22KC60AWTM
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 # AACZ561

Sampling Date: 2022-06-21
Lab Batch Date: 2022-06-21
Completion Date: 2022-06-27

Initial Gross Weight: 20.353 g

Number of Units: 1
Net Weight per Unit: 3.500 g



Product Image



Acetic Anhydride
Tested



Potency
Tested



Heavy Metals
Passed



Mycotoxins
Passed



Pesticides
Passed



Residual Solvents
Passed



Pathogenic
Microbiology
Passed



Listeria
Monocytogenes
Passed

Potency 21 (LCUV)

Specimen Weight: 1501.900 mg

Tested
SOP13.002 (LCUV)

Pieces For Panel: 5

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC-O Acetate	100.000	2.70E-5	0.0003	7.8020	0.7802
Delta-9 THC-O Acetate	10.000	7.70E-5	0.0003	0.1880	0.0188
THCVA	10.000	4.70E-5	0.0015	<LOQ	<LOQ
THCV	10.000	7.00E-6	0.0015	<LOQ	<LOQ
THCA	10.000	3.20E-5	0.0015	<LOQ	<LOQ
Exo-THC	10.000	2.30E-4	0.0015	<LOQ	<LOQ
CBC	10.000	1.80E-5	0.0015	<LOQ	<LOQ
CBCA	10.000	1.07E-4	0.0015	<LOQ	<LOQ
Delta-8 THCV	10.000	4.00E-5	0.0015	<LOQ	<LOQ
Delta-8 THC	10.000	2.60E-5	0.0015	<LOQ	<LOQ
CBT	10.000	2.00E-4	0.0015	<LOQ	<LOQ
CBNA	10.000	9.50E-5	0.0015	<LOQ	<LOQ
CBN	10.000	1.40E-5	0.0015	<LOQ	<LOQ
CBL	10.000	3.50E-5	0.0015	<LOQ	<LOQ
CBGA	10.000	8.00E-5	0.0015	<LOQ	<LOQ
CBG	10.000	2.48E-4	0.0015	<LOQ	<LOQ
CBDVA	10.000	1.40E-5	0.0015	<LOQ	<LOQ
CBDV	10.000	6.50E-5	0.0015	<LOQ	<LOQ
CBDA	10.000	1.00E-5	0.0015	<LOQ	<LOQ
CBD	10.000	5.40E-5	0.0015	<LOQ	<LOQ
Delta-9 THC	10.000	1.30E-5	0.0015	<LOQ	<LOQ

Potency Summary

Total THC None Detected	Total CBD None Detected
Total CBG None Detected	Total CBN None Detected
Other Cannabinoids 0.799%	Total Cannabinoids 27.970mg

Xueli Gao
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Ph.D., DABT
Lab Toxicologist

Aixia Sun
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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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Sample # AACZ561

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Completion Date: 2022-06-27

Initial Gross Weight: 20.353 g

Number of Units: 1
Net Weight per Unit: 3.500 g

Pesticides FL V4 Passed
Specimen Weight: 266.000 mg SOP13.007 (LCMS/GCMS)
Dilution Factor: 5.639

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	Piperonyl butoxide	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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25mg THCO Watermelon
Sample Matrix:
CBD/HEMP
Edibles
(Ingestion)



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Initial Gross Weight: 20.353 g

Number of Units: 1
Net Weight per Unit: 3.500 g

Residual Solvents - FL (CBD) Passed

Specimen Weight: 318.500 mg 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-Dichloroethene	0.0094	0.16	8	<LOQ	Heptane	0.0013	1.39	5000	<LOQ
1,2-Dichloroethane	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	56.101
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	57.831	Toluene	0.0009	2.92	890	<LOQ
Ethyl Acetate	0.0012	1.11	5000	20.904	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

Specimen Weight: 266.000 mg SOP13.007 (LCMS)

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	3.0400E-1	6	20	<LOQ	Aflatoxin G2	2.7100E-1	6	20	<LOQ
Aflatoxin B2	7.7000E-2	6	20	<LOQ	Ochratoxin A	7.5400E-1	12	20	<LOQ
Aflatoxin G1	3.0400E-1	6	20	<LOQ					

Heavy Metals Passed

Specimen Weight: 245.700 mg SOP13.048 (ICP-MS)

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	4.83	100	1500	<LOQ	Lead (Pb)	11.76	100	500	<LOQ
Cadmium (Cd)	.64	100	500	<LOQ	Mercury (Hg)	.58	100	3000	<LOQ

Pathogenic Microbiology SAE (MicroArray) Passed

Specimen Weight: 1033.360 mg SOP13.019 (Micro Array)

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

Acetic Anhydride Tested

Specimen Weight: 73.400 mg SOP13.046 (GCMS)

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
Acetic Anhydride	0.06	2.6	<LOQ

Listeria Monocytogenes Passed

Specimen Weight: 1005.100 mg SOP13.010 (qPCR)

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

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