



25mg Mango
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 # 22KC5DEM
Batch Date: 2022-05-10
Extracted From: Hemp

Sampling Method: MSP 7.3.1
Test Reg State: Florida

Order # GRO220510-030001
Order Date: 2022-05-10
Sample # AACU698

Sampling Date: 2022-05-11
Lab Batch Date: 2022-05-11
Completion Date: 2022-05-14

Initial Gross Weight: 20.179 g

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



Product Image

Potency Tested

Heavy Metals Passed

Mycotoxins Passed

Pesticides Passed

Residual Solvents Passed

Pathogenic Microbiology Passed

Listeria Monocytogenes Passed

Delta 8/Delta 10 Potency 12
Specimen Weight: 1517.500 mg

Tested (LCU)

Pieces For Panel: 5

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	0.000026	0.001	7.100	0.710
CBC	0.000018	0.001	<LOQ	<LOQ
CBD	0.000054	0.001	<LOQ	<LOQ
THCA	0.000032	0.001	<LOQ	<LOQ
Delta-9 THC	0.000013	0.001	<LOQ	<LOQ
Delta-10 THC	0.000003	0.001	<LOQ	<LOQ
CBN	0.000014	0.001	<LOQ	<LOQ
CBGA	0.00008	0.001	<LOQ	<LOQ
CBG	0.000248	0.001	<LOQ	<LOQ
CBDV	0.000065	0.001	<LOQ	<LOQ
CBDA	0.00001	0.001	<LOQ	<LOQ
THCV	0.000007	0.001	<LOQ	<LOQ

Potency Summary

0.710%	Total Delta 8 24.850mg	-	Total Delta 10 None Detected
-	Total THC None Detected	-	Total CBD None Detected
-	Total CBG None Detected	-	Total CBN None Detected
-	Other Cannabinoids None Detected	0.710%	Total Cannabinoids 24.850mg

Xueli Gao
Ph.D., DABT
Lab Toxicologist

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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Pesticides FL V4				Passed (LCMS/GCMS)				Residual Solvents - FL (CBD)				Passed (GCMS)			
Specimen Weight: 271.900 mg				Specimen Weight: 9.500 mg				Specimen Weight: 9.500 mg				Specimen Weight: 271.900 mg			
Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)
Abamectin	28.23	300	<LOQ	Fludioxonil	48	3000	<LOQ	1,1-Dichloroethene	0.16	8	<LOQ	Heptane	1.39	5000	<LOQ
Accephate	30	3000	<LOQ	Hexythiazox	30	2000	<LOQ	1,2-Dichloroethane	0.04	5	<LOQ	Hexane	1.17	290	<LOQ
Acequinocyl	48	2000	<LOQ	Imazalil	30	100	<LOQ	Acetone	2.08	5000	<LOQ	Isopropyl alcohol	1.39	500	<LOQ
Acetaminiprid	30	3000	<LOQ	Imidacloprid	30	3000	<LOQ	Acetonitrile	1.17	410	<LOQ	Methanol	0.69	3000	Passed
Aldicarb	30	100	<LOQ	Kresoxim Methyl	30	1000	<LOQ	Benzene	0.02	2	<LOQ	Methylene chloride	2.43	600	<LOQ
Azoxystrobin	10	3000	<LOQ	Malathion	30	2000	<LOQ	Butanes	2.5	2000	<LOQ	Pentane	2.08	5000	<LOQ
Bifenazate	30	3000	<LOQ	Metaxyl	10	3000	<LOQ	Chloroform	0.04	60	<LOQ	Propane	5.83	2100	<LOQ
Bifenthrin	30	500	<LOQ	Methiocarb	30	100	<LOQ	Ethanol	2.78	5000	<LOQ	Toluene	2.92	890	<LOQ
Boscalid	10	3000	<LOQ	Methomyl	30	100	<LOQ	Ethyl Acetate	1.11	5000	<LOQ	Total Xylenes	2.92	2170	<LOQ
Captan	30	3000	<LOQ	methyl-Parathion	10	100	<LOQ	Ethyl Ether	1.39	5000	<LOQ	Trichloroethylene	0.49	80	<LOQ
Carbaryl	10	500	<LOQ	Mevinphos	10	100	<LOQ	Ethylene Oxide	0.1	5	<LOQ				
Carbofuran	10	100	<LOQ	Myclobutanil	30	3000	<LOQ								
Chlorantraniliprole	10	3000	<LOQ	Naled	30	500	<LOQ								
Chlordane	10	100	<LOQ	Oxamyl	30	500	<LOQ								
Chlorfenapyr	30	100	<LOQ	Paclotbutrazol	30	100	<LOQ								
Chloromequat Chloride	10	3000	<LOQ	Pentachloronitrobenzene	10	200	<LOQ								
Chlorpyrifos	30	100	<LOQ	Permethrin	30	1000	<LOQ								
Clofentazene	30	500	<LOQ	Phosmet	30	200	<LOQ								
Coumaphos	48	100	<LOQ	Piperonylbutoxide	30	3000	<LOQ								
Cyfluthrin	30	1000	<LOQ	Prallethrin	30	400	<LOQ	Aflatoxin B1	6	20	<LOQ	Aflatoxin G2	6	20	<LOQ
Cypermethrin	30	1000	<LOQ	Propiconazole	30	1000	<LOQ	Aflatoxin B2	6	20	<LOQ	Ochratoxin A	12	20	<LOQ
Daminozide	30	100	<LOQ	Propoxur	30	100	<LOQ	Aflatoxin G1	6	20	<LOQ				
Diazinon	30	200	<LOQ	Pyrethrin	30	1000	<LOQ								
Dichlorvos	30	100	<LOQ	Pyridaben	30	3000	<LOQ								
Dimethoate	30	100	<LOQ	Spinetoram	10	3000	<LOQ								
Dimethomorph	48	3000	<LOQ	Spinosad	30	3000	<LOQ								
Ethoprophos	30	100	<LOQ	Spiromesifen	30	3000	<LOQ								
Etofenprox	30	100	<LOQ	Spirotetramat	30	3000	<LOQ								
Etoxazole	30	1500	<LOQ	Spiroxamine	30	100	<LOQ								
Fenhexamid	10	3000	<LOQ	Tebuconazole	30	1000	<LOQ								
Fenoxycarb	30	100	<LOQ	Thiacloprid	30	100	<LOQ								
Fenpyroximate	30	2000	<LOQ	Thiamethoxam	30	1000	<LOQ								
Fipronil	30	100	<LOQ	Trifloxystrobin	30	3000	<LOQ								
Fonicamid	30	2000	<LOQ												

Mycotoxins
Specimen Weight: 271.900 mg
Dilution Factor: 5.517

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

Pathogenic Microbiology SAE (MicroArray)
Specimen Weight: 1029.380 mg
Dilution Factor: 1.000

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

Xueli Gao, Ph.D., DABT Lab Toxicologist
Aixia Sun, D.H.Sc., M.Sc., B.Sc., MT (AAB) Lab Director/Principal Scientist



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H Heavy Metals
Specimen Weight: 248.360 mg
Dilution Factor: 201

Passed
(ICP-MS)

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

Listeria Monocytogenes
Specimen Weight: 973.700 mg
Dilution Factor: 1.000

Passed
(qPCR)

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

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

Aixia Sun
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