



25mg D8 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 # 22KC6DEMNG
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 # AACZ565

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

Initial Gross Weight: 20.569 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: 1518.300 mg

Pieces For Panel: 5

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	2.60E-5	0.001	7.190	0.719
CBC	1.80E-5	0.001	<LOQ	<LOQ
CBD	5.40E-5	0.001	<LOQ	<LOQ
THCA	3.20E-5	0.001	<LOQ	<LOQ
Delta-9 THC	1.30E-5	0.1	<LOQ	<LOQ
Delta-10 THC	3.00E-6	0.001	<LOQ	<LOQ
CBN	1.40E-5	0.001	<LOQ	<LOQ
CBGA	8.00E-5	0.001	<LOQ	<LOQ
CBG	2.48E-4	0.001	<LOQ	<LOQ
CBDV	6.50E-5	0.001	<LOQ	<LOQ
CBDA	1.00E-5	0.001	<LOQ	<LOQ
THCV	7.00E-6	0.001	<LOQ	<LOQ

Tested
SOP13.043 (LCUV)

Potency Summary

0.719% Total Delta 8 25.170mg	- 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	0.719% Total Cannabinoids 25.170mg

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**
Specimen Weight: 255.100 mg SOP13.007 (LCMS/GCMS)
Dilution Factor: 5.880

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
Acetaminiprid		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
Chlorfendimorphin		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
Ethionchlor		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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Residual Solvents - FL (CBD) Passed

Specimen Weight: 10.800 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-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	<LOQ
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	<LOQ	Toluene	0.0009	2.92	890	<LOQ
Ethyl Acetate	0.0012	1.11	5000	<LOQ	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: 255.100 mg SOP13.007 (LCMS)

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

Heavy Metals Passed

Specimen Weight: 247.070 mg SOP13.048 (ICP-MS)

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	100	1500	1500	<LOQ
Cadmium (Cd)	100	500	500	<LOQ

Pathogenic Microbiology SAE (MicroArray) Passed

Specimen Weight: 1033.970 mg SOP13.019 (Micro Array)

Analyte	Result (cfu/g)
Aspergillus flavus	Absence in 1g
Aspergillus fumigatus	Absence in 1g
Aspergillus niger	Absence in 1g

Listeria Monocytogenes Passed

Specimen Weight: 1024.800 mg SOP13.010 (qPCR)

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

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