



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

Certificate of Analysis

Compliance Test

Koi CBD
14631 Best Ave.
Norwalk, CA 90650

Batch # 22KC3F2B
Batch Date: 2022-03-04
Extracted From: Hemp

Sampling Method: MSP 7.3.1
Test Reg State: Florida

Order # GRO220309-130001
Order Date: 2022-03-09
Sample # AAC0450

Sampling Date: 2022-03-10
Lab Batch Date: 2022-03-10
Completion Date: 2022-03-15

Initial Gross Weight: 15.005 g
Net Weight: 14.105 g

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



Product Image

| | | | | |
|--------------------------|-------------------------------|---------------------|-------------------|-------------------|
| Potency Tested | Terpenes Tested | Heavy Metals Passed | Mycotoxins Passed | Pesticides Passed |
| Residual Solvents Passed | Listeria Monocytogenes Passed | Pathogenic Passed | | |

Potency - 11

Specimen Weight: 1529.100 mg

Tested (LCU)

Pieces For Panel: 3

| Analyte | Dilution (1:n) | LOD (%) | LOQ (%) | Result (mg/g) | (%) |
|-------------|----------------|----------|---------|---------------|-------|
| CBD | 1000.000 | 0.000054 | 0.001 | 5.000 | 0.500 |
| Delta-9 THC | 1000.000 | 0.000013 | 0.001 | 2.300 | 0.230 |
| Delta-8 THC | 1000.000 | 0.000026 | 0.001 | 0.100 | 0.010 |
| THCV | 1000.000 | 0.000007 | 0.001 | 0.100 | 0.010 |
| CBC | 1000.000 | 0.000018 | 0.001 | <LOQ | |
| CBN | 1000.000 | 0.000014 | 0.001 | <LOQ | |
| CBGA | 1000.000 | 0.000008 | 0.001 | <LOQ | |
| CBG | 1000.000 | 0.000248 | 0.001 | <LOQ | |
| CBDV | 1000.000 | 0.000065 | 0.001 | <LOQ | |
| CBDA | 1000.000 | 0.000001 | 0.001 | <LOQ | |
| THCA-A | 1000.000 | 0.000032 | 0.001 | <LOQ | |

Potency Summary

| | |
|-----------------------------------|------------------------------------|
| 0.230% Total THC 10.350mg | 0.500% Total CBD 22.500mg |
| - Total CBG None Detected | - Total CBN None Detected |
| 0.020% Other Cannabinoids 0.900mg | 0.750% Total Cannabinoids 33.750mg |

Terpenes Summary

| Analyte | Result (mg/g) | (%) |
|------------------------|---------------|-----|
| Total Terpenes: 0.000% | | |

Detailed Terpenes Analysis is on the following page

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 = 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: 2022-03-09
Sample # AAC0450

Sampling Date: 2022-03-10
Lab Batch Date: 2022-03-10
Completion Date: 2022-03-15

Initial Gross Weight: 15.005 g
Net Weight: 14.105 g

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

Terpenes Tested (GC/GCMS)

Specimen Weight: 1529.100 mg
Dilution Factor: 20.000

| Analyte | LOQ (%) | Result (mg/g) | (%) | Analyte | LOQ (%) | Result (mg/g) | (%) |
|---------------------|---------|---------------|------|---------------------|---------|---------------|------|
| (+)-Cedrol | 0.002 | | <LOQ | (R)-(+)-Limonene | 0.002 | | <LOQ |
| Nerol | 0.002 | | <LOQ | beta-Myrcene | 0.002 | | <LOQ |
| Geranyl acetate | 0.002 | | <LOQ | 3-Carene | 0.002 | | <LOQ |
| Guaiol | 0.002 | | <LOQ | alpha-Bisabolol | 0.002 | | <LOQ |
| Hexahydrothymol | 0.002 | | <LOQ | alpha-Cedrene | 0.002 | | <LOQ |
| Isoborneol | 0.002 | | <LOQ | alpha-Humulene | 0.002 | | <LOQ |
| Isopulegol | 0.002 | | <LOQ | alpha-Phellandrene | 0.002 | | <LOQ |
| Linalool | 0.002 | | <LOQ | alpha-Pinene | 0.002 | | <LOQ |
| Ocimene | 0.000 | | <LOQ | alpha-Terpinene | 0.002 | | <LOQ |
| Gamma-Terpinene | 0.002 | | <LOQ | beta-Pinene | 0.002 | | <LOQ |
| Pulegone | 0.002 | | <LOQ | Fenchone | 0.002 | | <LOQ |
| Sabinene | 0.002 | | <LOQ | Borneol | 0.004 | | <LOQ |
| Sabinene Hydrate | 0.002 | | <LOQ | Camphene | 0.002 | | <LOQ |
| Terpinolene | 0.002 | | <LOQ | Camphors | 0.006 | | <LOQ |
| Total Terpeneol | 0.001 | | <LOQ | Caryophyllene oxide | 0.002 | | <LOQ |
| trans-Caryophyllene | 0.002 | | <LOQ | cis-Nerolidol | 0.002 | | <LOQ |
| trans-Nerolidol | 0.002 | | <LOQ | Eucalyptol | 0.002 | | <LOQ |
| Geraniol | 0.002 | | <LOQ | Farnesene | 0.002 | | <LOQ |
| Fenchyl Alcohol | 0.002 | | <LOQ | Valencene | 0.002 | | <LOQ |

Total Terpenes: 0.000%

Mycotoxins

Specimen Weight: 177.970 mg
Dilution Factor: 8.428

| 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 | | | | |

Passed Heavy Metals

Specimen Weight: 246.200 mg
Dilution Factor: 203

| 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 |

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



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Initial Gross Weight: 15.005 g
Net Weight: 14.105 g

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

Pesticides FL V4

Specimen Weight: 177.970 mg
Dilution Factor: 8.428

| Analyte | LOQ (ppb) | Action Level (ppb) | Result (ppb) | Analyte | LOQ (ppb) | Action Level (ppb) | Result (ppb) |
|-----------------------|-----------|--------------------|--------------|-------------------------|-----------|--------------------|--------------|
| Abamectin | 28.23 | 300 | <LOQ | Fludioxonil | 48 | 3000 | <LOQ |
| Acephate | 30 | 3000 | <LOQ | Hexythiazox | 30 | 2000 | <LOQ |
| Acequinocyl | 48 | 2000 | <LOQ | Imazalil | 30 | 100 | <LOQ |
| Acetamiprid | 30 | 3000 | <LOQ | Imidacloprid | 30 | 3000 | <LOQ |
| Aldicarb | 30 | 100 | <LOQ | Kresoxim Methyl | 30 | 1000 | <LOQ |
| Azoxystrobin | 10 | 3000 | <LOQ | Malathion | 30 | 2000 | <LOQ |
| Bifenazate | 30 | 3000 | <LOQ | Metalaxyl | 10 | 3000 | <LOQ |
| Bifenthrin | 30 | 500 | <LOQ | Methiocarb | 30 | 100 | <LOQ |
| Boscalid | 10 | 3000 | <LOQ | Methomyl | 30 | 100 | <LOQ |
| Captan | 30 | 3000 | <LOQ | methyl-Parathion | 10 | 100 | <LOQ |
| Carbaryl | 10 | 500 | <LOQ | Mevinphos | 10 | 100 | <LOQ |
| Carbofuran | 10 | 100 | <LOQ | Myclobutanil | 30 | 3000 | <LOQ |
| Chlorantraniliprole | 10 | 3000 | <LOQ | Naled | 30 | 500 | <LOQ |
| Chlorfendazole | 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 |
| Clofentazine | 30 | 500 | <LOQ | Phosmet | 30 | 200 | <LOQ |
| Coumaphos | 48 | 100 | <LOQ | Piperonylbutoxide | 30 | 3000 | <LOQ |
| Cyfluthrin | 30 | 1000 | <LOQ | Prallethrin | 30 | 400 | <LOQ |
| Cypermethrin | 30 | 1000 | <LOQ | Propiconazole | 30 | 1000 | <LOQ |
| Daminozide | 30 | 100 | <LOQ | Propoxur | 30 | 100 | <LOQ |
| Diazinon | 30 | 200 | <LOQ | Pyrethrins | 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 |
| Etozazole | 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 | | | | |

Passed (LCMS/GCMS)

Residual Solvents - FL (CBD)

Specimen Weight: 12.000 mg
Dilution Factor: 1.000

| Analyte | LOQ (ppm) | Action Level (ppm) | Result (ppm) | Analyte | LOQ (ppm) | Action Level (ppm) | Result (ppm) |
|--------------------|-----------|--------------------|--------------|--------------------|-----------|--------------------|--------------|
| 1,1-Dichloroethene | 0.16 | 8 | <LOQ | Heptane | 1.39 | 5000 | <LOQ |
| 1,2-Dichloroethane | 0.04 | 5 | <LOQ | Hexane | 1.17 | 290 | <LOQ |
| Acetone | 2.08 | 5000 | <LOQ | Isopropyl alcohol | 1.39 | 500 | <LOQ |
| Acetonitrile | 1.17 | 410 | <LOQ | Methanol | 0.69 | 3000 | Passed |
| Benzene | 0.02 | 2 | <LOQ | Methylene chloride | 2.43 | 600 | <LOQ |
| Butanes | 2.5 | 2000 | <LOQ | Pentane | 2.08 | 5000 | <LOQ |
| Chloroform | 0.04 | 60 | <LOQ | Propane | 5.83 | 2100 | <LOQ |
| Ethanol | 2.78 | 5000 | Passed | Toluene | 2.92 | 890 | <LOQ |
| Ethyl Acetate | 1.11 | 5000 | Passed | Total Xylenes | 2.92 | 2170 | <LOQ |
| Ethyl Ether | 1.39 | 5000 | <LOQ | Trichloroethylene | 0.49 | 80 | <LOQ |
| Ethylene Oxide | 0.1 | 5 | <LOQ | | | | |

Passed (GCMS)

Pathogenic SAE (qPCR)

Specimen Weight: 220.500 mg
Dilution Factor: 1.000

| Analyte | Action Level (cfu/g) | Result (cfu/g) | Analyte | Action Level (cfu/g) | Result (cfu/g) |
|---|----------------------|----------------|------------|----------------------|----------------|
| Aspergillus (Flavus, Fumigatus, Niger, Terreus) | 1 | Absence in 1g | Salmonella | 1 | Absence in 1g |
| E.Coli | 1 | Absence in 1g | | | |

Passed (qPCR)

Listeria Monocytogenes

Specimen Weight: 1010.700 mg
Dilution Factor: 1.000

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

Passed (qPCR)

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



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Batch Date: 2022-03-04
Extracted From: Hemp

Sampling Method: MSP 7.3.1
Test Reg State: Florida

Order # GRO220310-120001
Order Date: 2022-03-10
Sample # AAC0515

Sampling Date: 2022-03-11
Lab Batch Date: 2022-03-11
Completion Date: 2022-03-15

Initial Gross Weight: 14.973 g
Net Weight: 14.073 g

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



Product Image

Potency Tested

Terpenes Tested

Heavy Metals Passed

Mycotoxins Passed

Pesticides Passed

Residual Solvents Passed

Listeria Monocytogenes Passed

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Potency - 11

Specimen Weight: 1535.800 mg

Tested (LCU)

Pieces For Panel: 3

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| CBD | 1000.000 | 0.000054 | 0.001 | 5.010 | 0.501 |
| Delta-9 THC | 1000.000 | 0.000013 | 0.001 | 2.350 | 0.235 |
| Delta-8 THC | 1000.000 | 0.000026 | 0.001 | 0.070 | 0.007 |
| CBDV | 1000.000 | 0.000065 | 0.001 | 0.030 | 0.003 |
| THCV | 1000.000 | 0.000007 | 0.001 | 0.020 | 0.002 |
| CBC | 1000.000 | 0.000018 | 0.001 | <LOQ | |
| CBN | 1000.000 | 0.000014 | 0.001 | <LOQ | |
| CBGA | 1000.000 | 0.00008 | 0.001 | <LOQ | |
| CBG | 1000.000 | 0.000248 | 0.001 | <LOQ | |
| CBDA | 1000.000 | 0.00001 | 0.001 | <LOQ | |
| THCA-A | 1000.000 | 0.000032 | 0.001 | <LOQ | |

Potency Summary

| | |
|-----------------------------------|------------------------------------|
| 0.235% Total THC 10.580mg | 0.501% Total CBD 22.550mg |
| - Total CBG None Detected | - Total CBN None Detected |
| 0.012% Other Cannabinoids 0.540mg | 0.748% Total Cannabinoids 33.660mg |

Terpenes Summary

| Analyte | Result (mg/g) | (%) |
|------------------|---------------|--------|
| (R)-(+)-Limonene | 0.113 | 0.011% |
| (+)-Cedrol | 0.112 | 0.011% |

Total Terpenes: 0.022%

Detailed Terpenes Analysis is on the following page

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Lab Toxicologist

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



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Norwalk, CA 90650 Extracted From: Hemp

Order # GRO220310-120001 Sampling Date: 2022-03-11 Initial Gross Weight: 14.973 g Number of Units: 1
Order Date: 2022-03-10 Lab Batch Date: 2022-03-11 Net Weight: 14.073 g Net Weight per Unit: 4.500 g
Sample # AAC0515 Completion Date: 2022-03-15

Terpenes Specimen Weight: 1535.800 mg Tested (GC/GCMS)
Dilution Factor: 20.000

| Analyte | LOQ (%) | Result (mg/g) | (%) | Analyte | LOQ (%) | Result (mg/g) | (%) |
|---------------------|---------|---------------|-------|---------------------|---------|---------------|------|
| (+)-Cedrol | 0.002 | 0.112 | 0.011 | Fenchyl Alcohol | 0.002 | <LOQ | <LOQ |
| (R)-(+)-Limonene | 0.002 | 0.113 | 0.011 | Fenchone | 0.002 | <LOQ | <LOQ |
| Geraniol | 0.002 | <LOQ | <LOQ | alpha-Terpinene | 0.002 | <LOQ | <LOQ |
| Geranyl acetate | 0.002 | <LOQ | <LOQ | 3-Carene | 0.002 | <LOQ | <LOQ |
| Guaiol | 0.002 | <LOQ | <LOQ | alpha-Bisabolol | 0.002 | <LOQ | <LOQ |
| Hexahydrothymol | 0.002 | <LOQ | <LOQ | alpha-Cedrene | 0.002 | <LOQ | <LOQ |
| Isoborneol | 0.002 | <LOQ | <LOQ | alpha-Humulene | 0.002 | <LOQ | <LOQ |
| Isopulegol | 0.002 | <LOQ | <LOQ | alpha-Phellandrene | 0.002 | <LOQ | <LOQ |
| Linalool | 0.002 | <LOQ | <LOQ | alpha-Pinene | 0.002 | <LOQ | <LOQ |
| Ocimene | 0.000 | <LOQ | <LOQ | beta-Myrcene | 0.002 | <LOQ | <LOQ |
| Nerol | 0.002 | <LOQ | <LOQ | Farnesene | 0.002 | <LOQ | <LOQ |
| Pulegone | 0.002 | <LOQ | <LOQ | beta-Pinene | 0.002 | <LOQ | <LOQ |
| Sabinene | 0.002 | <LOQ | <LOQ | Borneol | 0.004 | <LOQ | <LOQ |
| Sabinene Hydrate | 0.002 | <LOQ | <LOQ | Camphene | 0.002 | <LOQ | <LOQ |
| Terpinolene | 0.002 | <LOQ | <LOQ | Camphors | 0.006 | <LOQ | <LOQ |
| Total Terpeneol | 0.001 | <LOQ | <LOQ | Caryophyllene oxide | 0.002 | <LOQ | <LOQ |
| trans-Caryophyllene | 0.002 | <LOQ | <LOQ | cis-Nerolidol | 0.002 | <LOQ | <LOQ |
| trans-Nerolidol | 0.002 | <LOQ | <LOQ | Eucalyptol | 0.002 | <LOQ | <LOQ |
| Gamma-Terpinene | 0.002 | <LOQ | <LOQ | Valencene | 0.002 | <LOQ | <LOQ |

Total Terpenes: 0.022%

Mycotoxins Specimen Weight: 162.500 mg Passed (LCMS)
Dilution Factor: 9.231

| 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 | | | | |

Heavy Metals Specimen Weight: 249.900 mg Passed (ICP-MS)
Dilution Factor: 200

| 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 |

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 = 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, (aw) = Area Ratio, (mg/Kg) = Milligram per Kilogram, *Measurement of Uncertainty = +/- 10%

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

Certificate of Analysis

Compliance Test

Koi CBD
14631 Best Ave.
Norwalk, CA 90650

Batch # 22KC3F2L
Batch Date: 2022-03-04
Extracted From: Hemp

Sampling Method: MSP 7.3.1
Test Reg State: Florida

Order # GRO220310-120001
Order Date: 2022-03-10
Sample # AAC0515

Sampling Date: 2022-03-11
Lab Batch Date: 2022-03-11
Completion Date: 2022-03-15

Initial Gross Weight: 14.973 g
Net Weight: 14.073 g

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

Pesticides FL V4

Specimen Weight: 162.500 mg
Dilution Factor: 9.231

| Analyte | LOQ (ppb) | Action Level (ppb) | Result (ppb) | Analyte | LOQ (ppb) | Action Level (ppb) | Result (ppb) |
|-----------------------|-----------|--------------------|--------------|-------------------------|-----------|--------------------|--------------|
| Abamectin | 28.23 | 300 | <LOQ | Fludioxonil | 48 | 3000 | <LOQ |
| Acephate | 30 | 3000 | <LOQ | Hexythiazox | 30 | 2000 | <LOQ |
| Acequinocyl | 48 | 2000 | <LOQ | Imazalil | 30 | 100 | <LOQ |
| Acetamiprid | 30 | 3000 | <LOQ | Imidacloprid | 30 | 3000 | <LOQ |
| Aldicarb | 30 | 100 | <LOQ | Kresoxim Methyl | 30 | 1000 | <LOQ |
| Azoxystrobin | 10 | 3000 | <LOQ | Malathion | 30 | 2000 | <LOQ |
| Bifenazate | 30 | 3000 | <LOQ | Metaxyl | 10 | 3000 | <LOQ |
| Bifenthrin | 30 | 500 | <LOQ | Methiocarb | 30 | 100 | <LOQ |
| Boscalid | 10 | 3000 | <LOQ | Methomyl | 30 | 100 | <LOQ |
| Captan | 30 | 3000 | <LOQ | methyl-Parathion | 10 | 100 | <LOQ |
| Carbaryl | 10 | 500 | <LOQ | Mevinphos | 10 | 100 | <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 |
| Clofentazine | 30 | 500 | <LOQ | Phosmet | 30 | 200 | <LOQ |
| Coumaphos | 48 | 100 | <LOQ | Piperonylbutoxide | 30 | 3000 | <LOQ |
| Cyfluthrin | 30 | 1000 | <LOQ | Prallethrin | 30 | 400 | <LOQ |
| Cypermethrin | 30 | 1000 | <LOQ | Propiconazole | 30 | 1000 | <LOQ |
| Daminozide | 30 | 100 | <LOQ | Propoxur | 30 | 100 | <LOQ |
| Diazinon | 30 | 200 | <LOQ | Pyrethrins | 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 |
| Etozazole | 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 | | | | |

Passed (LCMS/GCMS)

Residual Solvents - FL (CBD)

Specimen Weight: 131.600 mg
Dilution Factor: 1.000

| Analyte | LOQ (ppm) | Action Level (ppm) | Result (ppm) | Analyte | LOQ (ppm) | Action Level (ppm) | Result (ppm) |
|--------------------|-----------|--------------------|--------------|--------------------|-----------|--------------------|--------------|
| 1,1-Dichloroethene | 0.16 | 8 | <LOQ | Heptane | 1.39 | 5000 | <LOQ |
| 1,2-Dichloroethane | 0.04 | 5 | <LOQ | Hexane | 1.17 | 290 | <LOQ |
| Acetone | 2.08 | 5000 | <LOQ | Isopropyl alcohol | 1.39 | 500 | <LOQ |
| Acetonitrile | 1.17 | 410 | <LOQ | Methanol | 0.69 | 3000 | <LOQ |
| Benzene | 0.02 | 2 | <LOQ | Methylene chloride | 2.43 | 600 | <LOQ |
| Butanes | 2.5 | 2000 | <LOQ | Pentane | 2.08 | 5000 | <LOQ |
| Chloroform | 0.04 | 60 | <LOQ | Propane | 5.83 | 2100 | <LOQ |
| Ethanol | 2.78 | 5000 | Passed | Toluene | 2.92 | 890 | <LOQ |
| Ethyl Acetate | 1.11 | 5000 | <LOQ | Total Xylenes | 2.92 | 2170 | <LOQ |
| Ethyl Ether | 1.39 | 5000 | <LOQ | Trichloroethylene | 0.49 | 80 | <LOQ |
| Ethylene Oxide | 0.1 | 5 | <LOQ | | | | |

Passed (GCMS)

Pathogenic SAE (qPCR)

Specimen Weight: 230.500 mg
Dilution Factor: 1.000

| Analyte | Action Level (cfu/g) | Result (cfu/g) | Analyte | Action Level (cfu/g) | Result (cfu/g) |
|---|----------------------|----------------|------------|----------------------|----------------|
| Aspergillus (Flavus, Fumigatus, Niger, Terreus) | 1 | Absence in 1g | Salmonella | 1 | Absence in 1g |
| E.Coli | 1 | Absence in 1g | | | |

Passed (qPCR)

Listeria Monocytogenes

Specimen Weight: 998.300 mg
Dilution Factor: 1.000

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

Passed (qPCR)

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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10mg D9 + 20mg 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 # 22KC3F2M
Batch Date: 2022-03-04
Extracted From: Hemp

Sampling Method: MSP 7.3.1
Test Reg State: Florida

Order # GRO220309-130001
Order Date: 2022-03-09
Sample # AAC0451

Sampling Date: 2022-03-10
Lab Batch Date: 2022-03-10
Completion Date: 2022-03-15

Initial Gross Weight: 15.158 g
Net Weight: 14.258 g

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



Product Image

| | | | | |
|--------------------------|-------------------------------|---------------------|-------------------|-------------------|
| Potency Tested | Terpenes Tested | Heavy Metals Passed | Mycotoxins Passed | Pesticides Passed |
| Residual Solvents Passed | Listeria Monocytogenes Passed | Pathogenic Passed | | |

Potency - 11

Specimen Weight: 1508.400 mg

Tested (LCU)

Pieces For Panel: 3

| Analyte | Dilution (1:n) | LOD (%) | LOQ (%) | Result (mg/g) | (%) |
|-------------|----------------|----------|---------|---------------|-------|
| CBD | 1000.000 | 0.000054 | 0.001 | 4.900 | 0.490 |
| Delta-9 THC | 1000.000 | 0.000013 | 0.001 | 2.300 | 0.230 |
| Delta-8 THC | 1000.000 | 0.000026 | 0.001 | 0.100 | 0.010 |
| CBC | 1000.000 | 0.000018 | 0.001 | <LOQ | <LOQ |
| THCV | 1000.000 | 0.000007 | 0.001 | <LOQ | <LOQ |
| CBN | 1000.000 | 0.000014 | 0.001 | <LOQ | <LOQ |
| CBGA | 1000.000 | 0.000008 | 0.001 | <LOQ | <LOQ |
| CBG | 1000.000 | 0.000248 | 0.001 | <LOQ | <LOQ |
| CBDV | 1000.000 | 0.000065 | 0.001 | <LOQ | <LOQ |
| CBDA | 1000.000 | 0.000001 | 0.001 | <LOQ | <LOQ |
| THCA-A | 1000.000 | 0.000032 | 0.001 | <LOQ | <LOQ |

Potency Summary

| | |
|--|---|
| 0.230% Total THC 10.350mg | 0.490% Total CBD 22.050mg |
| - Total CBG None Detected | - Total CBN None Detected |
| 0.010% Other Cannabinoids 0.450mg | 0.730% Total Cannabinoids 32.850mg |

Terpenes Summary

| Analyte | Result (mg/g) | (%) |
|-------------------------------|---------------|-----|
| Total Terpenes: 0.000% | | |

Detailed Terpenes Analysis is on the following page

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



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FL License # CMTL-0003
CLIA No. 10D1094068

Certificate of Analysis

Compliance Test

Koi CBD
14631 Best Ave.
Norwalk, CA 90650

Batch # 22KC3F2M
Batch Date: 2022-03-04
Extracted From: Hemp

Sampling Method: MSP 7.3.1
Test Reg State: Florida

Order # GRO220309-130001
Order Date: 2022-03-09
Sample # AAC0451

Sampling Date: 2022-03-10
Lab Batch Date: 2022-03-10
Completion Date: 2022-03-15

Initial Gross Weight: 15.158 g
Net Weight: 14.258 g

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

Terpenes Tested (GC/GCMS)
Specimen Weight: 1508.400 mg
Dilution Factor: 20.000

| Analyte | LOQ (%) | Result (mg/g) | (%) | Analyte | LOQ (%) | Result (mg/g) | (%) |
|---------------------|---------|---------------|------|---------------------|---------|---------------|------|
| (+)-Cedrol | 0.002 | <LOQ | <LOQ | (R)-(+)-Limonene | 0.002 | <LOQ | <LOQ |
| Nerol | 0.002 | <LOQ | <LOQ | beta-Myrcene | 0.002 | <LOQ | <LOQ |
| Geranyl acetate | 0.002 | <LOQ | <LOQ | 3-Carene | 0.002 | <LOQ | <LOQ |
| Guaiol | 0.002 | <LOQ | <LOQ | alpha-Bisabolol | 0.002 | <LOQ | <LOQ |
| Hexahydrothymol | 0.002 | <LOQ | <LOQ | alpha-Cedrene | 0.002 | <LOQ | <LOQ |
| Isoborneol | 0.002 | <LOQ | <LOQ | alpha-Humulene | 0.002 | <LOQ | <LOQ |
| Isopulegol | 0.002 | <LOQ | <LOQ | alpha-Phellandrene | 0.002 | <LOQ | <LOQ |
| Linalool | 0.002 | <LOQ | <LOQ | alpha-Pinene | 0.002 | <LOQ | <LOQ |
| Ocimene | 0.000 | <LOQ | <LOQ | alpha-Terpinene | 0.002 | <LOQ | <LOQ |
| Gamma-Terpinene | 0.002 | <LOQ | <LOQ | beta-Pinene | 0.002 | <LOQ | <LOQ |
| Pulegone | 0.002 | <LOQ | <LOQ | Fenchone | 0.002 | <LOQ | <LOQ |
| Sabinene | 0.002 | <LOQ | <LOQ | Borneol | 0.004 | <LOQ | <LOQ |
| Sabinene Hydrate | 0.002 | <LOQ | <LOQ | Camphene | 0.002 | <LOQ | <LOQ |
| Terpinolene | 0.002 | <LOQ | <LOQ | Camphors | 0.006 | <LOQ | <LOQ |
| Total Terpeneol | 0.001 | <LOQ | <LOQ | Caryophyllene oxide | 0.002 | <LOQ | <LOQ |
| trans-Caryophyllene | 0.002 | <LOQ | <LOQ | cis-Nerolidol | 0.002 | <LOQ | <LOQ |
| trans-Nerolidol | 0.002 | <LOQ | <LOQ | Eucalyptol | 0.002 | <LOQ | <LOQ |
| Geraniol | 0.002 | <LOQ | <LOQ | Farnesene | 0.002 | <LOQ | <LOQ |
| Fenchyl Alcohol | 0.002 | <LOQ | <LOQ | Valencene | 0.002 | <LOQ | <LOQ |

Total Terpenes: 0.000%

Mycotoxins
Specimen Weight: 174.790 mg
Dilution Factor: 8.582

| 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 | | | | |

Passed (LCMS) Heavy Metals
Specimen Weight: 247.500 mg
Dilution Factor: 202

| 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 |

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 = Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + 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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Batch Date: 2022-03-04
Extracted From: Hemp

Sampling Method: MSP 7.3.1
Test Reg State: Florida

Order # GRO220309-130001
Order Date: 2022-03-09
Sample # AAC0451

Sampling Date: 2022-03-10
Lab Batch Date: 2022-03-10
Completion Date: 2022-03-15

Initial Gross Weight: 15.158 g
Net Weight: 14.258 g

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

Pesticides FL V4

Specimen Weight: 174.790 mg
Dilution Factor: 8.582

| Analyte | LOQ (ppb) | Action Level (ppb) | Result (ppb) | Analyte | LOQ (ppb) | Action Level (ppb) | Result (ppb) |
|-----------------------|-----------|--------------------|--------------|-------------------------|-----------|--------------------|--------------|
| Abamectin | 28.23 | 300 | <LOQ | Fludioxonil | 48 | 3000 | <LOQ |
| Acephate | 30 | 3000 | <LOQ | Hexythiazox | 30 | 2000 | <LOQ |
| Acequinocyl | 48 | 2000 | <LOQ | Imazalil | 30 | 100 | <LOQ |
| Acetamiprid | 30 | 3000 | <LOQ | Imidacloprid | 30 | 3000 | <LOQ |
| Aldicarb | 30 | 100 | <LOQ | Kresoxim Methyl | 30 | 1000 | <LOQ |
| Azoxystrobin | 10 | 3000 | <LOQ | Malathion | 30 | 2000 | <LOQ |
| Bifenazate | 30 | 3000 | <LOQ | Metaxyl | 10 | 3000 | <LOQ |
| Bifenthrin | 30 | 500 | <LOQ | Methiocarb | 30 | 100 | <LOQ |
| Boscalid | 10 | 3000 | <LOQ | Methomyl | 30 | 100 | <LOQ |
| Captan | 30 | 3000 | <LOQ | methyl-Parathion | 10 | 100 | <LOQ |
| Carbaryl | 10 | 500 | <LOQ | Mevinphos | 10 | 100 | <LOQ |
| Carbofuran | 10 | 100 | <LOQ | Myclobutanil | 30 | 3000 | <LOQ |
| Chlorantranilprole | 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 |
| Clofentazine | 30 | 500 | <LOQ | Phosmet | 30 | 200 | <LOQ |
| Coumaphos | 48 | 100 | <LOQ | Piperonylbutoxide | 30 | 3000 | <LOQ |
| Cyfluthrin | 30 | 1000 | <LOQ | Prallethrin | 30 | 400 | <LOQ |
| Cypermethrin | 30 | 1000 | <LOQ | Propiconazole | 30 | 1000 | <LOQ |
| Daminozide | 30 | 100 | <LOQ | Propoxur | 30 | 100 | <LOQ |
| Diazinon | 30 | 200 | <LOQ | Pyrethrins | 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 |
| Etozazole | 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 | | | | |

Passed (LCMS/GCMS)

Residual Solvents - FL (CBD)

Specimen Weight: 10.600 mg
Dilution Factor: 1.000

| Analyte | LOQ (ppm) | Action Level (ppm) | Result (ppm) | Analyte | LOQ (ppm) | Action Level (ppm) | Result (ppm) |
|--------------------|-----------|--------------------|--------------|--------------------|-----------|--------------------|--------------|
| 1,1-Dichloroethene | 0.16 | 8 | <LOQ | Heptane | 1.39 | 5000 | <LOQ |
| 1,2-Dichloroethane | 0.04 | 5 | <LOQ | Hexane | 1.17 | 290 | <LOQ |
| Acetone | 2.08 | 5000 | <LOQ | Isopropyl alcohol | 1.39 | 500 | <LOQ |
| Acetonitrile | 1.17 | 410 | <LOQ | Methanol | 0.69 | 3000 | Passed |
| Benzene | 0.02 | 2 | <LOQ | Methylene chloride | 2.43 | 600 | <LOQ |
| Butanes | 2.5 | 2000 | <LOQ | Pentane | 2.08 | 5000 | <LOQ |
| Chloroform | 0.04 | 60 | <LOQ | Propane | 5.83 | 2100 | <LOQ |
| Ethanol | 2.78 | 5000 | <LOQ | Toluene | 2.92 | 890 | <LOQ |
| Ethyl Acetate | 1.11 | 5000 | <LOQ | Total Xylenes | 2.92 | 2170 | <LOQ |
| Ethyl Ether | 1.39 | 5000 | <LOQ | Trichloroethylene | 0.49 | 80 | <LOQ |
| Ethylene Oxide | 0.1 | 5 | <LOQ | | | | |

Passed (GCMS)

Pathogenic SAE (qPCR)

Specimen Weight: 238.200 mg
Dilution Factor: 1.000

| Analyte | Action Level (cfu/g) | Result (cfu/g) | Analyte | Action Level (cfu/g) | Result (cfu/g) |
|---|----------------------|----------------|------------|----------------------|----------------|
| Aspergillus (Flavus, Fumigatus, Niger, Terreus) | 1 | Absence in 1g | Salmonella | 1 | Absence in 1g |
| E.Coli | 1 | Absence in 1g | | | |

Passed (qPCR)

Listeria Monocytogenes

Specimen Weight: 982.300 mg
Dilution Factor: 1.000

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

Passed (qPCR)

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 = 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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10mg D9 + 20mg CBD Strawberry
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 # 22KC3F2S
Batch Date: 2022-03-04
Extracted From: Hemp

Sampling Method: MSP 7.3.1
Test Reg State: Florida

Order # GRO220309-130001
Order Date: 2022-03-09
Sample # AAC0448

Sampling Date: 2022-03-10
Lab Batch Date: 2022-03-10
Completion Date: 2022-03-15

Initial Gross Weight: 15.061 g
Net Weight: 14.161 g

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



Product Image

| | | | | |
|--------------------------|-------------------------------|---------------------|-------------------|-------------------|
| Potency Tested | Terpenes Tested | Heavy Metals Passed | Mycotoxins Passed | Pesticides Passed |
| Residual Solvents Passed | Listeria Monocytogenes Passed | Pathogenic Passed | | |

Potency - 11

Specimen Weight: 1523.700 mg

Tested (LCU)

Pieces For Panel: 3

| Analyte | Dilution (1:n) | LOD (%) | LOQ (%) | Result (mg/g) | (%) |
|-------------|----------------|----------|---------|---------------|-------|
| CBD | 1000.000 | 0.000054 | 0.001 | 4.900 | 0.490 |
| Delta-9 THC | 1000.000 | 0.000013 | 0.001 | 2.300 | 0.230 |
| Delta-8 THC | 1000.000 | 0.000026 | 0.001 | 0.100 | 0.010 |
| CBC | 1000.000 | 0.000018 | 0.001 | <LOQ | <LOQ |
| THCV | 1000.000 | 0.000007 | 0.001 | <LOQ | <LOQ |
| CBN | 1000.000 | 0.000014 | 0.001 | <LOQ | <LOQ |
| CBGA | 1000.000 | 0.000008 | 0.001 | <LOQ | <LOQ |
| CBG | 1000.000 | 0.000248 | 0.001 | <LOQ | <LOQ |
| CBDV | 1000.000 | 0.000065 | 0.001 | <LOQ | <LOQ |
| CBDA | 1000.000 | 0.000001 | 0.001 | <LOQ | <LOQ |
| THCA-A | 1000.000 | 0.000032 | 0.001 | <LOQ | <LOQ |

Potency Summary

| | |
|-----------------------------------|------------------------------------|
| 0.230% Total THC 10.350mg | 0.490% Total CBD 22.050mg |
| - Total CBG None Detected | - Total CBN None Detected |
| 0.010% Other Cannabinoids 0.450mg | 0.730% Total Cannabinoids 32.850mg |

Terpenes Summary

| Analyte | Result (mg/g) | (%) |
|------------------------|---------------|-----|
| Total Terpenes: 0.000% | | |

Detailed Terpenes Analysis is on the following page

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



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

Certificate of Analysis

Compliance Test

Koi CBD
14631 Best Ave.
Norwalk, CA 90650

Batch # 22KC3F2S
Batch Date: 2022-03-04
Extracted From: Hemp

Sampling Method: MSP 7.3.1
Test Reg State: Florida

Order # GRO220309-130001
Order Date: 2022-03-09
Sample # AAC0448

Sampling Date: 2022-03-10
Lab Batch Date: 2022-03-10
Completion Date: 2022-03-15

Initial Gross Weight: 15.061 g
Net Weight: 14.161 g

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

Terpenes Tested (GC/GCMS)

Specimen Weight: 1523.700 mg
Dilution Factor: 20.000

| Analyte | LOQ (%) | Result (mg/g) | (%) | Analyte | LOQ (%) | Result (mg/g) | (%) |
|---------------------|---------|---------------|------|---------------------|---------|---------------|------|
| (+)-Cedrol | 0.002 | | <LOQ | (R)-(+)-Limonene | 0.002 | | <LOQ |
| Nerol | 0.002 | | <LOQ | beta-Myrcene | 0.002 | | <LOQ |
| Geranyl acetate | 0.002 | | <LOQ | 3-Carene | 0.002 | | <LOQ |
| Guaiol | 0.002 | | <LOQ | alpha-Bisabolol | 0.002 | | <LOQ |
| Hexahydrothymol | 0.002 | | <LOQ | alpha-Cedrene | 0.002 | | <LOQ |
| Isoborneol | 0.002 | | <LOQ | alpha-Humulene | 0.002 | | <LOQ |
| Isopulegol | 0.002 | | <LOQ | alpha-Phellandrene | 0.002 | | <LOQ |
| Linalool | 0.002 | | <LOQ | alpha-Pinene | 0.002 | | <LOQ |
| Ocimene | 0.000 | | <LOQ | alpha-Terpinene | 0.002 | | <LOQ |
| Gamma-Terpinene | 0.002 | | <LOQ | beta-Pinene | 0.002 | | <LOQ |
| Pulegone | 0.002 | | <LOQ | Fenchone | 0.002 | | <LOQ |
| Sabinene | 0.002 | | <LOQ | Borneol | 0.004 | | <LOQ |
| Sabinene Hydrate | 0.002 | | <LOQ | Camphene | 0.002 | | <LOQ |
| Terpinolene | 0.002 | | <LOQ | Camphors | 0.006 | | <LOQ |
| Total Terpeneol | 0.001 | | <LOQ | Caryophyllene oxide | 0.002 | | <LOQ |
| trans-Caryophyllene | 0.002 | | <LOQ | cis-Nerolidol | 0.002 | | <LOQ |
| trans-Nerolidol | 0.002 | | <LOQ | Eucalyptol | 0.002 | | <LOQ |
| Geraniol | 0.002 | | <LOQ | Farnesene | 0.002 | | <LOQ |
| Fenchyl Alcohol | 0.002 | | <LOQ | Valencene | 0.002 | | <LOQ |

Total Terpenes: 0.000%

Mycotoxins

Specimen Weight: 150.770 mg
Dilution Factor: 9.949

| 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 | | | | |

Passed Heavy Metals

Specimen Weight: 245.400 mg
Dilution Factor: 203

| 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 |

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Lab Toxicologist

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



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FL License # CMTL-0003
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Certificate of Analysis

Compliance Test

Koi CBD
14631 Best Ave.
Norwalk, CA 90650

Batch # 22KC3F2S
Batch Date: 2022-03-04
Extracted From: Hemp

Sampling Method: MSP 7.3.1
Test Reg State: Florida

Order # GRO220309-130001
Order Date: 2022-03-09
Sample # AAC0448

Sampling Date: 2022-03-10
Lab Batch Date: 2022-03-10
Completion Date: 2022-03-15

Initial Gross Weight: 15.061 g
Net Weight: 14.161 g

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

Pesticides FL V4

Specimen Weight: 150.770 mg
Dilution Factor: 9.949

| Analyte | LOQ (ppb) | Action Level (ppb) | Result (ppb) | Analyte | LOQ (ppb) | Action Level (ppb) | Result (ppb) |
|-----------------------|-----------|--------------------|--------------|-------------------------|-----------|--------------------|--------------|
| Abamectin | 28.23 | 300 | <LOQ | Fludioxonil | 48 | 3000 | <LOQ |
| Acephate | 30 | 3000 | <LOQ | Hexythiazox | 30 | 2000 | <LOQ |
| Acequinocyl | 48 | 2000 | <LOQ | Imazalil | 30 | 100 | <LOQ |
| Acetamiprid | 30 | 3000 | <LOQ | Imidacloprid | 30 | 3000 | <LOQ |
| Aldicarb | 30 | 100 | <LOQ | Kresoxim Methyl | 30 | 1000 | <LOQ |
| Azoxystrobin | 10 | 3000 | <LOQ | Malathion | 30 | 2000 | <LOQ |
| Bifenazate | 30 | 3000 | <LOQ | Metalaxyl | 10 | 3000 | <LOQ |
| Bifenthrin | 30 | 500 | <LOQ | Methiocarb | 30 | 100 | <LOQ |
| Boscalid | 10 | 3000 | <LOQ | Methomyl | 30 | 100 | <LOQ |
| Captan | 30 | 3000 | <LOQ | methyl-Parathion | 10 | 100 | <LOQ |
| Carbaryl | 10 | 500 | <LOQ | Mevinphos | 10 | 100 | <LOQ |
| Carbofuran | 10 | 100 | <LOQ | Myclobutanil | 30 | 3000 | <LOQ |
| Chlorantranilprole | 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 |
| Clofentazine | 30 | 500 | <LOQ | Phosmet | 30 | 200 | <LOQ |
| Coumaphos | 48 | 100 | <LOQ | Piperonylbutoxide | 30 | 3000 | <LOQ |
| Cyfluthrin | 30 | 1000 | <LOQ | Prallethrin | 30 | 400 | <LOQ |
| Cypermethrin | 30 | 1000 | <LOQ | Propiconazole | 30 | 1000 | <LOQ |
| Daminozide | 30 | 100 | <LOQ | Propoxur | 30 | 100 | <LOQ |
| Diazinon | 30 | 200 | <LOQ | Pyrethrins | 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 |
| Etozazole | 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 | | | | |

Passed (LCMS/GCMS)

Residual Solvents - FL (CBD)

Specimen Weight: 12.700 mg
Dilution Factor: 1.000

| Analyte | LOQ (ppm) | Action Level (ppm) | Result (ppm) | Analyte | LOQ (ppm) | Action Level (ppm) | Result (ppm) |
|--------------------|-----------|--------------------|--------------|--------------------|-----------|--------------------|--------------|
| 1,1-Dichloroethene | 0.16 | 8 | <LOQ | Heptane | 1.39 | 5000 | <LOQ |
| 1,2-Dichloroethane | 0.04 | 5 | <LOQ | Hexane | 1.17 | 290 | <LOQ |
| Acetone | 2.08 | 5000 | <LOQ | Isopropyl alcohol | 1.39 | 500 | <LOQ |
| Acetonitrile | 1.17 | 410 | <LOQ | Methanol | 0.69 | 3000 | Passed |
| Benzene | 0.02 | 2 | <LOQ | Methylene chloride | 2.43 | 600 | <LOQ |
| Butanes | 2.5 | 2000 | <LOQ | Pentane | 2.08 | 5000 | <LOQ |
| Chloroform | 0.04 | 60 | <LOQ | Propane | 5.83 | 2100 | <LOQ |
| Ethanol | 2.78 | 5000 | <LOQ | Toluene | 2.92 | 890 | <LOQ |
| Ethyl Acetate | 1.11 | 5000 | <LOQ | Total Xylenes | 2.92 | 2170 | <LOQ |
| Ethyl Ether | 1.39 | 5000 | <LOQ | Trichloroethylene | 0.49 | 80 | <LOQ |
| Ethylene Oxide | 0.1 | 5 | <LOQ | | | | |

Passed (GCMS)

Pathogenic SAE (qPCR)

Specimen Weight: 227.300 mg
Dilution Factor: 1.000

| Analyte | Action Level (cfu/g) | Result (cfu/g) | Analyte | Action Level (cfu/g) | Result (cfu/g) |
|---|----------------------|----------------|------------|----------------------|----------------|
| Aspergillus (Flavus, Fumigatus, Niger, Terreus) | 1 | Absence in 1g | Salmonella | 1 | Absence in 1g |
| E.Coli | 1 | Absence in 1g | | | |

Passed (qPCR)

Listeria Monocytogenes

Specimen Weight: 1006.700 mg
Dilution Factor: 1.000

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

Passed (qPCR)

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



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License No. 800025015
FL License # CMTL-0003
CLIA No. 10D1094068

Certificate of Analysis

Compliance Test

Koi CBD
14631 Best Ave.
Norwalk, CA 90650

Batch # 22KC2F2W
Batch Date: 2022-02-14

Sampling Method: MSP 7.3.1
Test Reg State: Florida

Order # GRO220224-07001
Order Date: 2022-02-24
Sample # AACN188

Sampling Date: 2022-02-25
Lab Batch Date: 2022-02-25
Completion Date: 2022-02-28

Initial Gross Weight: 15.301 g
Net Weight: 14.401 g

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



Product Image

Potency
Tested

Terpenes
Tested

Heavy Metals
Passed

Mycotoxins
Passed

Pesticides
Passed

Residual
Solvents
Passed

Listeria
Monocytogenes
Passed

Pathogenic
Passed

Potency - 11
Specimen Weight: 1519.600 mg

Tested
(LCU)

Pieces For Panel: 3

| Analyte | Dilution (1:n) | LOD (%) | LOQ (%) | Result (mg/g) | (%) |
|-------------|----------------|----------|---------|---------------|-------|
| CBD | 10.000 | 0.000054 | 0.001 | 5.271 | 0.527 |
| Delta-9 THC | 10.000 | 0.000013 | 0.001 | 2.453 | 0.245 |
| Delta-8 THC | 10.000 | 0.000026 | 0.001 | 0.063 | 0.006 |
| CBDV | 10.000 | 0.000065 | 0.001 | 0.023 | 0.002 |
| THCV | 10.000 | 0.000007 | 0.001 | 0.023 | 0.002 |
| CBC | 10.000 | 0.000018 | 0.001 | <LOQ | <LOQ |
| CBN | 10.000 | 0.000014 | 0.001 | <LOQ | <LOQ |
| CBGA | 10.000 | 0.000008 | 0.001 | <LOQ | <LOQ |
| CBG | 10.000 | 0.000248 | 0.001 | <LOQ | <LOQ |
| CBDA | 10.000 | 0.000001 | 0.001 | <LOQ | <LOQ |
| THCA-A | 10.000 | 0.000032 | 0.001 | <LOQ | <LOQ |

Potency Summary

| | |
|---|--|
| 0.245% Total THC 11.025mg | 0.527% Total CBD 23.715mg |
| None Detected Total CBG | None Detected Total CBN |
| 0.011% Other Cannabinoids 0.495mg | 0.783% Total Cannabinoids 35.235mg |

Terpenes Summary

| Analyte | Result (mg/g) | (%) |
|----------------|---------------|-------|
| alpha-Humulene | 0.097 | 0.01% |

Total Terpenes: 0.010%

Detailed Terpenes Analysis is on the following page

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Ph.D., DABT
Lab Toxicologist

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



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License No. 800025015
FL License # CMTL-0003
CLIA No. 10D1094068

Certificate of Analysis

Compliance Test

Koi CBD
14631 Best Ave.
Norwalk, CA 90650

Batch # 22KC2F2W
Batch Date: 2022-02-14

Sampling Method: MSP 7.3.1
Test Reg State: Florida

Order # GRO220224-070001
Order Date: 2022-02-24
Sample # AACN188

Sampling Date: 2022-02-25
Lab Batch Date: 2022-02-25
Completion Date: 2022-02-28

Initial Gross Weight: 15.301 g
Net Weight: 14.401 g

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

Terpenes Tested (GC/GCMS)
Specimen Weight: 1519.600 mg
Dilution Factor: 20.000

| Analyte | LOQ (%) | Result (mg/g) | (%) | Analyte | LOQ (%) | Result (mg/g) | (%) |
|---------------------|---------|---------------|-------|---------------------|---------|---------------|------|
| alpha-Humulene | 0.002 | 0.097 | 0.010 | Fenchyl Alcohol | 0.002 | <LOQ | <LOQ |
| (+)-Cedrol | 0.002 | <LOQ | <LOQ | (R)-(+)-Limonene | 0.002 | <LOQ | <LOQ |
| Nerol | 0.002 | <LOQ | <LOQ | beta-Myrcene | 0.002 | <LOQ | <LOQ |
| Geranyl acetate | 0.002 | <LOQ | <LOQ | 3-Carene | 0.002 | <LOQ | <LOQ |
| Guaiol | 0.002 | <LOQ | <LOQ | alpha-Bisabolol | 0.002 | <LOQ | <LOQ |
| Hexahydrothymol | 0.002 | <LOQ | <LOQ | alpha-Cedrene | 0.002 | <LOQ | <LOQ |
| Isoborneol | 0.002 | <LOQ | <LOQ | alpha-Phellandrene | 0.002 | <LOQ | <LOQ |
| Isopulegol | 0.002 | <LOQ | <LOQ | alpha-Pinene | 0.002 | <LOQ | <LOQ |
| Linalool | 0.002 | <LOQ | <LOQ | alpha-Terpinene | 0.002 | <LOQ | <LOQ |
| Pulegone | 0.002 | <LOQ | <LOQ | beta-Pinene | 0.002 | <LOQ | <LOQ |
| Ocimene | 0.000 | <LOQ | <LOQ | Fenchone | 0.002 | <LOQ | <LOQ |
| Gamma-Terpinene | 0.002 | <LOQ | <LOQ | Borneol | 0.004 | <LOQ | <LOQ |
| Sabinene | 0.002 | <LOQ | <LOQ | Camphene | 0.002 | <LOQ | <LOQ |
| Sabinene Hydrate | 0.002 | <LOQ | <LOQ | Camphors | 0.006 | <LOQ | <LOQ |
| Terpinolene | 0.002 | <LOQ | <LOQ | Caryophyllene oxide | 0.002 | <LOQ | <LOQ |
| Total Terpeneol | 0.001 | <LOQ | <LOQ | cis-Nerolidol | 0.002 | <LOQ | <LOQ |
| trans-Caryophyllene | 0.002 | <LOQ | <LOQ | Eucalyptol | 0.002 | <LOQ | <LOQ |
| trans-Nerolidol | 0.002 | <LOQ | <LOQ | Farnesene | 0.002 | <LOQ | <LOQ |
| Geraniol | 0.002 | <LOQ | <LOQ | Valencene | 0.002 | <LOQ | <LOQ |

Total Terpenes: 0.010%

| Mycotoxins | | | | Passed (LCMS) | | | | Heavy Metals | | | | Passed (ICP-MS) | | | |
|-----------------------------|-----------|--------------------|--------------|-----------------------------|-----------|--------------------|--------------|-----------------------------|-----------|--------------------|--------------|-----------------------------|-----------|--------------------|--------------|
| Specimen Weight: 180.000 mg | | | | Specimen Weight: 246.010 mg | | | | Specimen Weight: 246.010 mg | | | | Specimen Weight: 246.010 mg | | | |
| Analyte | LOQ (ppb) | Action Level (ppb) | Result (ppb) | Analyte | LOQ (ppb) | Action Level (ppb) | Result (ppb) | 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 | Arsenic (As) | 100 | 1500 | <LOQ | Lead (Pb) | 100 | 500 | <LOQ |
| Aflatoxin B2 | 6 | 20 | <LOQ | Ochratoxin A | 12 | 20 | <LOQ | Cadmium (Cd) | 100 | 500 | <LOQ | Mercury (Hg) | 100 | 3000 | <LOQ |
| Aflatoxin G1 | 6 | 20 | <LOQ | | | | | | | | | | | | |

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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Initial Gross Weight: 15.301 g
Net Weight: 14.401 g

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

Pesticides FL V4
Specimen Weight: 180.000 mg
Dilution Factor: 8.333

Passed
(LCMS/GCMS)

| Analyte | LOQ (ppb) | Action Level (ppb) | Result (ppb) | Analyte | LOQ (ppb) | Action Level (ppb) | Result (ppb) |
|-----------------------|-----------|--------------------|--------------|-------------------------|-----------|--------------------|--------------|
| Abamectin | 28.23 | 300 | <LOQ | Fludioxonil | 48 | 3000 | <LOQ |
| Acephate | 30 | 3000 | <LOQ | Hexythiazox | 30 | 2000 | <LOQ |
| Acequinocyl | 48 | 2000 | <LOQ | Imazalil | 30 | 100 | <LOQ |
| Acetamiprid | 30 | 3000 | <LOQ | Imidacloprid | 30 | 3000 | <LOQ |
| Aldicarb | 30 | 100 | <LOQ | Kresoxim Methyl | 30 | 1000 | <LOQ |
| Azoxystrobin | 10 | 3000 | <LOQ | Malathion | 30 | 2000 | <LOQ |
| Bifenazate | 30 | 3000 | <LOQ | Metalaxyl | 10 | 3000 | <LOQ |
| Bifenthrin | 30 | 500 | <LOQ | Methiocarb | 30 | 100 | <LOQ |
| Boscalid | 10 | 3000 | <LOQ | Methomyl | 30 | 100 | <LOQ |
| Captan | 30 | 3000 | <LOQ | methyl-Parathion | 10 | 100 | <LOQ |
| Carbaryl | 10 | 500 | <LOQ | Mevinphos | 10 | 100 | <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 |
| Clofentazine | 30 | 500 | <LOQ | Phosmet | 30 | 200 | <LOQ |
| Coumaphos | 48 | 100 | <LOQ | Piperonylbutoxide | 30 | 3000 | <LOQ |
| Cyfluthrin | 30 | 1000 | <LOQ | Prallethrin | 30 | 400 | <LOQ |
| Cypermethrin | 30 | 1000 | <LOQ | Propiconazole | 30 | 1000 | <LOQ |
| Daminozide | 30 | 100 | <LOQ | Propoxur | 30 | 100 | <LOQ |
| Diazinon | 30 | 200 | <LOQ | Pyrethrins | 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 | | | | |

Residual Solvents - FL (CBD)
Specimen Weight: 12.300 mg
Dilution Factor: 1.000

Passed
(GCMS)

| Analyte | LOQ (ppm) | Action Level (ppm) | Result (ppm) | Analyte | LOQ (ppm) | Action Level (ppm) | Result (ppm) |
|--------------------|-----------|--------------------|--------------|--------------------|-----------|--------------------|--------------|
| 1,1-Dichloroethene | 0.16 | 8 | <LOQ | Heptane | 1.39 | 5000 | <LOQ |
| 1,2-Dichloroethane | 0.04 | 5 | <LOQ | Hexane | 1.17 | 290 | <LOQ |
| Acetone | 2.08 | 5000 | <LOQ | Isopropyl alcohol | 1.39 | 500 | Passed |
| Acetonitrile | 1.17 | 410 | <LOQ | Methanol | 0.69 | 3000 | Passed |
| Benzene | 0.02 | 2 | <LOQ | Methylene chloride | 2.43 | 600 | <LOQ |
| Butanes | 2.5 | 2000 | <LOQ | Pentane | 2.08 | 5000 | <LOQ |
| Chloroform | 0.04 | 60 | <LOQ | Propane | 5.83 | 2100 | <LOQ |
| Ethanol | 2.78 | 5000 | <LOQ | Toluene | 2.92 | 890 | <LOQ |
| Ethyl Acetate | 1.11 | 5000 | <LOQ | Total Xylenes | 2.92 | 2170 | <LOQ |
| Ethyl Ether | 1.39 | 5000 | <LOQ | Trichloroethylene | 0.49 | 80 | <LOQ |
| Ethylene Oxide | 0.1 | 5 | <LOQ | | | | |

Pathogenic SAE (qPCR)
Specimen Weight: 223.600 mg
Dilution Factor: 1.000

Passed
(qPCR)

| Analyte | Action Level (cfu/g) | Result (cfu/g) | Analyte | Action Level (cfu/g) | Result (cfu/g) |
|---|----------------------|----------------|------------|----------------------|----------------|
| Aspergillus (Flavus, Fumigatus, Niger, Terreus) | 1 | Absence in 1g | Salmonella | 1 | Absence in 1g |
| E.Coli | 1 | Absence in 1g | | | |

Listeria Monocytogenes
Specimen Weight: 1005.400 mg
Dilution Factor: 1.000

Passed
(qPCR)

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

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Lab Toxicologist

Aixia Sun
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