



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

Certificate of Analysis

Compliance Test

Koi CBD
14631 Best Ave.
Norwalk, CA 90650

Batch # 21KC12TOL
Batch Date: 2021-12-01
Extracted From: Hemp

Test Reg State: Florida

Order # GRO220105-050001
Order Date: 2022-01-05
Sample # AAC1424

Sampling Date: 2022-01-06
Lab Batch Date: 2022-01-06
Completion Date: 2022-01-10

Initial Gross Weight: 15.778 g
Net Weight: 14.888 g

Number of Units: 1
Net Weight per Unit: 3.800 g



Product Image



Acetic Anhydride
Tested



Potency
Tested



Heavy Metals
Passed



Mycotoxins
Passed



Pesticides
Passed



Residual Solvents
Passed



Microbiology (qPCR)
Passed



Filth and Foreign
Passed



Potency 22 (LCUV)

Specimen Weight: 1507.800 mg

Tested (HPLC)



Potency Summary

Pieces For Panel: 4

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC-O-Acetate	0.000027	0.003	4.665	0.467
Delta-9 THCO-Acetate	0.000077	0.003	0.095	0.009
Delta-8 THC	0.000026	0.002	0.044	0.004
THCVA	0.000047	0.002	<LOQ	<LOQ
THCV	0.000007	0.002	<LOQ	<LOQ
THCA-A	0.000032	0.002	<LOQ	<LOQ
Exo-THC	0.00023	0.002	<LOQ	<LOQ
CBC	0.000018	0.002	<LOQ	<LOQ
Delta-9 THC	0.000013	0.002	<LOQ	<LOQ
CBCA	0.000107	0.002	<LOQ	<LOQ
Delta-10 THC	0.000003	0.002	<LOQ	<LOQ
CBT	0.0002	0.002	<LOQ	<LOQ
CBNA	0.000095	0.002	<LOQ	<LOQ
CBN	0.000014	0.002	<LOQ	<LOQ
CBL	0.000035	0.002	<LOQ	<LOQ
CBGA	0.00008	0.002	<LOQ	<LOQ
CBG	0.000248	0.002	<LOQ	<LOQ
CBDVA	0.000014	0.002	<LOQ	<LOQ
CBDV	0.000065	0.002	<LOQ	<LOQ
CBDA	0.00001	0.002	<LOQ	<LOQ
CBD	0.000054	0.002	<LOQ	<LOQ
Delta-8 THCV	0.00004	0.003	<LOQ	<LOQ

Total THC None Detected	Total CBD None Detected
Total CBG None Detected	Total CBN None Detected
Other Cannabinoids 0.480%	Total Cannabinoids 18.240mg

Xueli Gao
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Lab Toxicologist

Aixia Sun
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Lab Director/Principal Scientist



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Koi CBD 14631 Best Ave. Norwalk, CA 90650	Batch # 21KC12TOL Batch Date: 2021-12-01 Extracted From: Hemp	Test Reg State: Florida
Order # GRO220105-050001 Order Date: 2022-01-05 Sample # AAC1424	Sampling Date: 2022-01-06 Lab Batch Date: 2022-01-06 Completion Date: 2022-01-10	Initial Gross Weight: 15.778 g Net Weight: 14.888 g
		Number of Units: 1 Net Weight per Unit: 3.800 g

Acetic Anhydride
Specimen Weight: 51.100 mg
Dilution Factor: 1.000

Tested
(GCMS)

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

Heavy Metals
Specimen Weight: 247.710 mg
Dilution Factor: 201.849

Passed
(ICP-MS)

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

Mycotoxins
Specimen Weight: 177.300 mg
Dilution Factor: 8.460

Passed
(LCMS)

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

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Net Weight: 14.888 g

Number of Units: 1
Net Weight per Unit: 3.800 g

Pesticides FL V4 **Passed**
(LCMS/GCMS)
Specimen Weight: 177.300 mg
Dilution Factor: 8.460

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

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Sampling Date: 2022-01-06
Lab Batch Date: 2022-01-06
Completion Date: 2022-01-10

Initial Gross Weight: 15.778 g
Net Weight: 14.888 g

Number of Units: 1
Net Weight per Unit: 3.800 g

Residual Solvents - FL (CBD) **Passed**
(GCMS)

Specimen Weight: 111.400 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	1,2-Dichloroethane	0.04	5	<LOQ
Acetone	2.08	5000	<LOQ	Acetonitrile	1.17	410	<LOQ
Benzene	0.02	2	<LOQ	Butanes	2.5	2000	<LOQ
Chloroform	0.04	60	<LOQ	Ethanol	2.78	5000	Passed
Ethyl Acetate	1.11	5000	<LOQ	Ethyl Ether	1.39	5000	<LOQ
Ethylene Oxide	0.1	5	<LOQ	Heptane	1.39	5000	<LOQ
Hexane	1.17	290	<LOQ	Isopropyl alcohol	1.39	500	<LOQ
Methanol	0.69	3000	Passed	Methylene chloride	2.43	600	<LOQ
Pentane	2.08	5000	<LOQ	Propane	5.83	2100	<LOQ
Toluene	2.92	890	<LOQ	Total Xylenes	2.92	2170	<LOQ
Trichloroethylene	0.49	80	<LOQ				

Microbiology (qPCR) **Passed**
(qPCR)

Specimen Weight: 261.800 mg
Dilution Factor: 1.000

Analyte	Result	Analyte	Result
Total Aerobic Count	Passed	Total Coliform	Passed
Total Enterobacteriaceae	Passed	Total Yeast/Mold	Passed

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Filth and Foreign Material

Net Weight: 14.888 g

Dilution Factor: 1.000

Passed
(Visual/Microscope)

Analyte	Action Level (%)	Result (%)	Analyte	Action Level (mg/Kg)	Result (mg/Kg)
Covered Area	10	0.000	Feces	0.5	0.000
Weight %	1	0.000			

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