



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

# Certificate of Analysis

## Compliance Test

**Koi CBD LLC**  
14631 Best Ave.  
Norwalk, CA 90650

Batch # 1816BB0323  
Batch Date: 2021-06-17  
Extracted From: Hemp

Sampling Method: MSP 7.3.1 Test Reg  
State: Oregon

Production Facility: Saylor Manufacturing  
Production Date: 2021-06-17

Order # SAY210617-050054  
Order Date: 2021-06-17  
Sample # AABM768

Sampling Date: 2021-06-22  
Lab Batch Date: 2021-06-22  
Completion Date: 2021-06-30

Initial Gross Weight: 104.700 g



Potency  
Tested

Terpenes  
Tested

Heavy Metals  
Passed

Mycotoxins  
Passed

Pesticides  
Passed

Residual  
Solvents  
Passed

Vitamin E  
Passed

Product Image

### Delta 8/Delta 10 Potency

#### 12

Specimen Weight: 50.260 mg

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	100.000	0.000026	0.001	973.100	97.310
Delta-10 THC	1000.000	0.000003	0.001	<LOQ	<LOQ
Delta-9 THC	100.000	0.000013	0.001	<LOQ	<LOQ
CBC	100.000	0.000018	0.001	<LOQ	<LOQ
CBD	100.000	0.000054	0.001	<LOQ	<LOQ
THCV	100.000	0.000007	0.001	<LOQ	<LOQ
THCA-A	100.000	0.000032	0.001	<LOQ	<LOQ
CBN	100.000	0.000014	0.001	<LOQ	<LOQ
CBGA	100.000	0.00008	0.001	<LOQ	<LOQ
CBG	100.000	0.000248	0.001	<LOQ	<LOQ
CBDV	100.000	0.000065	0.001	<LOQ	<LOQ
CBDA	100.000	0.00001	0.001	<LOQ	<LOQ

Tested (LCUV)

### Potency Summary

Total Delta 8 97.310%	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	Total Cannabinoids 97.310%

### Terpenes Summary

Analyte	Result (mg/g)	(%)
(R)-(+)-Limonene	43.455	4.345%
trans-Caryophyllene	15.721	1.572%
Linalool	7.135	0.714%
beta-Myrcene	7.013	0.701%
beta-Pinene	6.218	0.622%
alpha-Humulene	3.126	0.313%
alpha-Pinene	2.237	0.224%
trans-Nerolidol	2.186	0.219%
Geraniol	1.007	0.101%
Terpineol	0.89	0.089%
alpha-Phellandrene	0.437	0.044%
Sabinene	0.34	0.034%

Total Terpenes: 8.978%

Detailed Terpenes Analysis is on the following page

Xueli Gao  
Ph.D., DABT  
Lab Toxicologist

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



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State: Oregon

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Order # SAY210617-050054  
Order Date: 2021-06-17  
Sample # AABM768

Sampling Date: 2021-06-22  
Lab Batch Date: 2021-06-22  
Completion Date: 2021-06-30

Initial Gross Weight: 104.700 g



## Terpenes - FL

Specimen Weight: 92.900 mg  
Dilution Factor: 20.000

Tested  
(GC/GCMS)

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
(R)-(+)-Limonene	0.02	43.455	4.345	trans-Caryophyllene	0.02	15.721	1.572
Linalool	0.02	7.135	0.714	beta-Myrcene	0.02	7.013	0.701
beta-Pinene	0.02	6.218	0.622	alpha-Humulene	0.02	3.126	0.313
alpha-Pinene	0.02	2.237	0.224	trans-Nerolidol	0.02	2.186	0.219
Geraniol	0.02	1.007	0.101	Terpineol	0.02	0.890	0.089
alpha-Phellandrene	0.02	0.437	0.044	Sabinene	0.02	0.340	0.034
Hexahydrothymol	0.02	<LOQ		Isoborneol	0.02	<LOQ	
Isopulegol	0.02	<LOQ		(+)-Cedrol	0.02	<LOQ	
Nerol	0.02	<LOQ		Ocimene	0.014	<LOQ	
Pulegone	0.02	<LOQ		Sabinene Hydrate	0.02	<LOQ	
Terpinolene	0.02	<LOQ		Guaial	0.02	<LOQ	
Fenchone	0.02	<LOQ		Geranyl acetate	0.02	<LOQ	
Borneol	0.04	<LOQ		3-Carene	0.02	<LOQ	
alpha-Bisabolol	0.02	<LOQ		alpha-Cedrene	0.02	<LOQ	
alpha-Terpinene	0.02	<LOQ		Camphene	0.02	<LOQ	
Gamma-Terpinene	0.02	<LOQ		Camphors	0.04	<LOQ	
Caryophyllene oxide	0.02	<LOQ		cis-Nerolidol	0.02	<LOQ	
Eucalyptol	0.02	<LOQ		Farnesene	0.02	<LOQ	
Fenchyl Alcohol	0.02	<LOQ		Valencene	0.02	<LOQ	

**Total Terpenes: 8.978%**

*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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14631 Best Ave. Batch Date: 2021-06-17 State: Oregon Production Date: 2021-06-17  
Norwalk, CA 90650 Extracted From: Hemp

Order # SAY210617-050054 Sampling Date: 2021-06-22 Initial Gross Weight: 104.700 g  
Order Date: 2021-06-17 Lab Batch Date: 2021-06-22  
Sample # AABM768 Completion Date: 2021-06-30

**H Heavy Metals** Specimen Weight: 127.700 mg **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	367.000	Mercury (Hg)	100	3000	<LOQ

**Mycotoxins** Specimen Weight: 165.800 mg **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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*Aixia Sun*  
Aixia Sun Lab Director/Principal Scientist  
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Sampling Date: 2021-06-22  
Lab Batch Date: 2021-06-22  
Completion Date: 2021-06-30

Initial Gross Weight: 104.700 g

**Pesticides** Specimen Weight: 165.800 mg **Passed**  
(LCMS/GCMS)  
Dilution Factor: 9.047

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
Carbaryl	10	500	<LOQ	Chlorfenapyr	48	100	<LOQ
Chlorpyrifos	30	100	<LOQ	Clofentazine	30	500	<LOQ
Coumaphos	30	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	30	3000	<LOQ
Ethoprophos	30	100	<LOQ	Etofenprox	30	100	<LOQ
Etoxazole	30	1500	<LOQ	Fenhexamid	30	3000	<LOQ
Fenoxycarb	30	100	<LOQ	Fenpyroximate	30	2000	<LOQ
Fipronil	30	100	<LOQ	Flonicamid	30	2000	<LOQ
Fludioxonil	30	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	Mevinphos	30	100	<LOQ
Myclobutanil	30	3000	<LOQ	Naled	30	500	<LOQ
Oxamyl	30	500	<LOQ	Paclobotrazol	30	100	<LOQ
Parathion-methyl	48	100	<LOQ	Pentachloronitrobenzene	30	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	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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Xueli Gao, Ph.D., DABT  
Lab Toxicologist

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Initial Gross Weight: 104.700 g

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

Specimen Weight: 14.100 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	<LOQ
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	<LOQ	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				

### Vitamin E (Tocopheryl Acetate) Passed (LC-MS)

Specimen Weight: 165.800 mg  
Dilution Factor: 9.047

Analyte	LOQ (ppb)	Result (ppb)
Vitamin E Acetate	10	<LOQ

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Xueli Gao, Ph.D., DABT  
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