



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 # 1817BB0323  
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 # AABM769

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

Initial Gross Weight: 105.200 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: 54.290 mg

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	100.000	0.000026	0.001	975.200	97.520
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 97.520%	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 97.520%

### Terpenes Summary

Analyte	Result (mg/g)	(%)
(R)-(+)-Limonene	28.872	2.887%
beta-Myrcene	25.974	2.597%
trans-Caryophyllene	24.289	2.429%
Linalool	9.677	0.968%
Terpineol	5.003	0.5%
alpha-Humulene	4.199	0.42%
beta-Pinene	3.741	0.374%
Sabinene Hydrate	3.378	0.338%
alpha-Pinene	3.054	0.305%
alpha-Bisabolol	1.554	0.155%
alpha-Phellandrene	1.142	0.114%
trans-Nerolidol	1.126	0.113%
Camphene	0.669	0.067%
Borneol	0.615	0.061%
Pulegone	0.522	0.052%
Geraniol	0.456	0.046%
Isoborneol	0.399	0.04%
Terpinolene	0.296	0.03%

Total Terpenes: 11.496%

Detailed Terpenes Analysis is on the following page

Xueli Gao  
Ph.D., DABT  
Lab Toxicologist

Ailxia 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 THC = THCA-A \* 0.877 + Delta 9 THC, \*CBG Total = (CBGA \* 0.877) + CBG, \*CBN Total = (CBNA \* 0.877) + CBN, \*Other Cannabinoids Total = CBC + CBDV + THCV + THCV-A, \*Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCV-A, \*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, (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 = +/- 5%

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Accredited by a third-party accrediting body as a competent testing laboratory pursuant to ISO/IEC 17025 of the International Organization for Standardization.





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

# Certificate of Analysis

Compliance Test

<b>Koi CBD LLC</b> 14631 Best Ave. Norwalk, CA 90650	Batch # 1817BB0323 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 # AABM769	Sampling Date: 2021-06-22 Lab Batch Date: 2021-06-22 Completion Date: 2021-06-30	Initial Gross Weight: 105.200 g	



## Terpenes - FL

Specimen Weight: 90.300 mg  
Dilution Factor: 20.000

Tested  
(GC/GCMS)

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
(R)-(+)-Limonene	0.02	28.872	2.887	beta-Myrcene	0.02	25.974	2.597
trans-Caryophyllene	0.02	24.289	2.429	Linalool	0.02	9.677	0.968
Terpineol	0.02	5.003	0.500	alpha-Humulene	0.02	4.199	0.420
beta-Pinene	0.02	3.741	0.374	Sabinene Hydrate	0.02	3.378	0.338
alpha-Pinene	0.02	3.054	0.305	alpha-Bisabolol	0.02	1.554	0.155
alpha-Phellandrene	0.02	1.142	0.114	trans-Nerolidol	0.02	1.126	0.113
Camphene	0.02	0.669	0.067	Borneol	0.04	0.615	0.061
Pulegone	0.02	0.522	0.052	Geraniol	0.02	0.456	0.046
Isoborneol	0.02	0.399	0.040	Terpinolene	0.02	0.296	0.030
Sabinene	0.02	<LOQ		Ocimene	0.014		<LOQ
Nerol	0.02	<LOQ		Hexahydrothymol	0.02		<LOQ
Isopulegol	0.02	<LOQ		(+)-Cedrol	0.02		<LOQ
Fenchone	0.02	<LOQ		Guaial	0.02		<LOQ
Geranyl acetate	0.02	<LOQ		Gamma-Terpinene	0.02		<LOQ
Fenchyl Alcohol	0.02	<LOQ		Farnesene	0.02		<LOQ
Eucalyptol	0.02	<LOQ		cis-Nerolidol	0.02		<LOQ
Caryophyllene oxide	0.02	<LOQ		Camphors	0.04		<LOQ
alpha-Terpinene	0.02	<LOQ		alpha-Cedrene	0.02		<LOQ
3-Carene	0.02	<LOQ		Valencene	0.02		<LOQ

**Total Terpenes: 11.496%**

*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 THC = THCA-A \* 0.877 + Delta 9 THC, \*CBG Total = (CBGA \* 0.877) + CBG, \*CBN Total = (CBNA \* 0.877) + CBN, \*Other Cannabinoids Total = CBC + CBDV + THCV + THCV-A, \*Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCV-A, \*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 = +/- 5%



This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Accredited by a third-party accrediting body as a competent testing laboratory pursuant to ISO/IEC 17025 of the International Organization for Standardization.



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 # 1817BB0323  
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 # AABM769

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

Initial Gross Weight: 105.200 g

**H Heavy Metals** **Passed**  
(ICP-MS)  
Specimen Weight: 127.100 mg  
Dilution Factor: 2.000

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** **Passed**  
(LCMS)  
Specimen Weight: 181.900 mg  
Dilution Factor: 8.246

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				

*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 THC = THCA-A \* 0.877 + Delta 9 THC, \*CBG Total = (CBGA \* 0.877) + CBG, \*CBN Total = (CBNA \* 0.877) + CBN, \*Other Cannabinoids Total = CBC + CBDV + THCV + THCV-A, \*Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCV-A, \*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 = +/- 5%



This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Accredited by a third-party accrediting body as a competent testing laboratory pursuant to ISO/IEC 17025 of the International Organization for Standardization.



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 # 1817BB0323  
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 # AABM769

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

Initial Gross Weight: 105.200 g

**Pesticides** Specimen Weight: 181.900 mg **Passed**  
(LCMS/GCMS)  
Dilution Factor: 8.246

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

*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 THC = THCA-A \* 0.877 + Delta 9 THC, \*CBG Total = (CBGA \* 0.877) + CBG, \*CBN Total = (CBNA \* 0.877) + CBN, \*Other Cannabinoids Total = CBC + CBDV + THCV + THCV-A, \*Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCV-A, \*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 = +/- 5%



This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Accredited by a third-party accrediting body as a competent testing laboratory pursuant to ISO/IEC 17025 of the International Organization for Standardization.



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 # 1817BB0323  
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 # AABM769

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

Initial Gross Weight: 105.200 g

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

Specimen Weight: 14.300 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	Passed
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: 181.900 mg  
Dilution Factor: 8.246

Analyte	LOQ (ppb)	Result (ppb)
Vitamin E Acetate	10	<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 THC = THC-A \* 0.877 + Delta 9 THC, \*CBG Total = (CBGA \* 0.877) + CBG, \*CBN Total = (CBNA \* 0.877) + CBN, \*Other Cannabinoids Total = CBC + CBDV + THCV + THCV-A, \*Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCV-A, \*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 = +/- 5%



This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Accredited by a third-party accrediting body as a competent testing laboratory pursuant to ISO/IEC 17025 of the International Organization for Standardization.