



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 # 1929BB0623  
Batch Date: 2021-08-26  
Extracted From: Hemp

Sampling Method: MSP7.3.1  
Test Reg State: Oregon

Order # SAY210826-050006  
Order Date: 2021-08-26  
Sample# AABU970

Sampling Date: 2021-08-28  
Lab Batch Date: 2021-08-28  
Completion Date: 2021-09-03

Initial Gross Weight: 70.531 g

Number of Units: 2  
Net Weight per Unit: 1.000 g



Potency  
Tested

Terpenes  
Tested

Heavy Metals  
Passed

Mycotoxins  
Passed

Pesticides  
Passed

Residual  
Solvents  
Passed

Pathogenic  
Microbiology  
Passed

Listeria  
Monocytogenes  
Passed

Product Image

### Delta 8/Delta 10 Potency

Specimen Weight: 51.810 mg

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	100.000	0.000026	0.001	906.800	90.680
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**  
(LCU)

### Potency Summary

<b>Total Delta 8</b> 90.680%	906.800mg	<b>Total Delta 10</b> None Detected
<b>Total THC</b> None Detected		<b>Total CBD</b> None Detected
<b>Total CBG</b> None Detected		<b>Total CBN</b> None Detected
<b>Other Cannabinoids</b> None Detected		<b>Total Cannabinoids</b> 90.680%
		906.800mg

### Terpenes Summary

Analyte	Result (mg/g)	(%)
<b>Total Terpenes: 0.000%</b>		

Detailed Terpenes Analysis is on the following page

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 THC= THCA-A \* 0.877 +Delta 9 THC, \*CBGTotal = (CBGA \* 0.877) + CBG, \*CBN Total = (CBNA \* 0.877) + CBN, \*Other Cannabinoids Total = CBC+ CBDV + THCV + THCVA, \*Total Detected Cannabinoids = CBDTotal + CBGTotal + CBN Total + THC Total + CBC + CBDV + THCV + THCVA, \*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= DilutionFactor (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 ACSLaboratory. 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 # 1929BB0623 Batch Date: 2021-08-26 Extracted From: Hemp	Sampling Method: MSP7.3.1 Test Reg State: Oregon
Order # SAY210826-050006 Order Date: 2021-08-26 Sample# AABU970	Sampling Date: 2021-08-28 Lab Batch Date: 2021-08-28 Completion Date: 2021-09-03	Initial GrossWeight: 70.531 g Number of Units: 2 Net Weight per Unit: 1.000 g

Heavy Metals				Passed (ICP-MS)			
Specimen Weight: 253.200 mg							
DilutionFactor: 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: 154.000 mg							
DilutionFactor: 9.740							
Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
AŞatoxin B1	6	20	<LOQ	AŞatoxin B2	6	20	<LOQ
AŞatoxin G1	6	20	<LOQ	AŞatoxin 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, \*CBGTotal = (CBGA \* 0.877) + CBG, \*CBN Total = (CBNA \* 0.877) + CBN, \*Other Cannabinoids Total = CBC+ CBDV + THCV + THCV-A, \*Total Detected Cannabinoids = CBDTotal + CBGTotal + 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= DilutionFactor (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 ACSLaboratory. 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 # 1929BB0623  
Batch Date: 2021-08-26  
Extracted From: Hemp

Sampling Method: MSP7.3.1  
Test Reg State: Oregon

Order # SAY210826-050006  
Order Date: 2021-08-26  
Sample# AABU970

Sampling Date: 2021-08-28  
Lab Batch Date: 2021-08-28  
Completion Date: 2021-09-03

Initial Gross Weight: 70.531 g

Number of Units: 2  
Net Weight per Unit: 1.000 g

**Pesticides** **Passed**  
(LCMS/GCMS)  
Specimen Weight: 154.000 mg  
Dilution Factor: 9.740

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	Pacllobutrazol	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	Trioxystrobin	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, \*CBGTotal = (CBGA \* 0.877) + CBG, \*CBN Total = (CBNA \* 0.877) + CBN, \*Other Cannabinoids Total = CBC+ CBDV + THCV + THCV-A, \*Total Detected Cannabinoids = CBDTotal + CBGTotal + 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= DilutionFactor (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 ACSLaboratory. 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 # 1929BB0623  
Batch Date: 2021-08-26  
Extracted From: Hemp

Sampling Method: MSP7.3.1  
Test Reg State: Oregon

Order # SAY210826-050006  
Order Date: 2021-08-26  
Sample# AABU970

Sampling Date: 2021-08-28  
Lab Batch Date: 2021-08-28  
Completion Date: 2021-09-03

Initial Gross Weight: 70.531 g

Number of Units: 2  
Net Weight per Unit: 1.000 g

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

Specimen Weight: 9.200 mg  
Dilution Factor: 1.000

Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)
Acetone	2.08	5000	<LOQ	Benzene	0.02	2	<LOQ
Butanes	2.5	2000	<LOQ	Ethanol	2.78	5000	<LOQ
Ethyl Acetate	1.11	5000	<LOQ	Heptane	1.39	5000	<LOQ
Hexane	1.17	290	<LOQ	Isopropyl alcohol	1.39	500	<LOQ
Methanol	0.69	3000	<LOQ	Pentane	2.08	5000	<LOQ
Propane	5.83	2100	<LOQ	Toluene	2.92	890	<LOQ
Total Xylenes	2.92	2170	<LOQ				

### Pathogenic Microbiology SAE (MicroArray) Passed (Micro Array)

Specimen Weight: 1000.420 mg  
Dilution Factor: 1.000

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Aspergillus Savus	Absence in 1g	Aspergillus fumigatus	Absence in 1g
Aspergillus niger	Absence in 1g	Aspergillus terreus	Absence in 1g
Salmonella	Absence in 1g	STECE. Coli	Absence in 1g

*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, \*CBGTotal = (CBGA \* 0.877) + CBG, \*CBN Total = (CBNA \* 0.877) + CBN, \*Other Cannabinoids Total = CBC+ CBDV + THCV + THCV-A, \*Total Detected Cannabinoids = CBDTotal + CBGTotal + 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= DilutionFactor (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 ACSLaboratory. 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 # 1929BB0623  
Batch Date: 2021-08-26  
Extracted From: Hemp

Sampling Method: MSP7.3.1  
Test Reg State: Oregon

Order # SAY210826-050006  
Order Date: 2021-08-26  
Sample# AABU970

Sampling Date: 2021-08-28  
Lab Batch Date: 2021-08-28  
Completion Date: 2021-09-03

Initial Gross Weight: 70.531 g

Number of Units: 2  
Net Weight per Unit: 1.000 g



### Listeria Monocytogenes

Specimen Weight: 984.500 mg

Dilution Factor: 1.000

**Passed**  
(qPCR)

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

*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, \*CBGTotal = (CBGA \* 0.877) + CBG, \*CBN Total = (CBNA \* 0.877) + CBN, \*Other Cannabinoids Total = CBC+ CBDV + THCV + THCV-A, \*Total Detected Cannabinoids = CBDTotal + CBGTotal + 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= DilutionFactor (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.