



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

# Certificate of Analysis

## Compliance Test

**LITTLE HIGH**  
1450 W 228TH ST UNIT 35  
TORRANCE, CA 90501

Batch # 1018622  
Batch Date: 2022-11-29  
Extracted From: Hemp

Sampling Method: MSP 7.3.1  
Test Reg State: Oregon

Lab Note: Photo Updated

Order # LIT221129-060001  
Order Date: 2022-11-29  
Sample # AADU451

Sampling Date: 2022-12-02  
Lab Batch Date: 2022-12-02  
Completion Date: 2022-12-07

Initial Gross Weight: 64.310 g



Product Image

Potency Tested

HHC Metals Passed

HHCP Tested

Mycotoxins Passed

Pesticides Passed

Residual Solvents Passed

Pathogenic Microbiology Passed

Listeria Monocytogenes Passed

### Potency 23 (LCUV)

Specimen Weight: 51.810 mg

Tested

SOP13.002 (LCUV)

### Potency Summary

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	Result (%)
Delta-8 THC	1000.000	2.60E-5	0.0015	465.4000	46.5400
Delta-8 THC-O Acetate	100.000	2.70E-5	0.0003	173.9000	17.3900
Delta-9 THC-O Acetate	100.000	7.70E-5	0.0003	50.8100	5.0810
CBC	100.000	1.80E-5	0.0015	4.2600	0.4260
CBT	10.000	2.00E-4	0.0015	3.8360	0.3836
Delta-8 THCV	10.000	4.00E-5	0.0015	3.3370	0.3337
CBNA	10.000	9.50E-5	0.0015	2.0380	0.2038
Delta8-THCP	10.000	3.75E-4	0.0015	1.5490	0.1549
CBN	10.000	1.40E-5	0.0015	0.6100	0.0610
CBD	10.000	5.40E-5	0.0015	0.3100	0.0310
CBCA	10.000	1.07E-4	0.0015	<LOQ	<LOQ
CBDA	10.000	1.00E-5	0.0015	<LOQ	<LOQ
CBDV	10.000	6.50E-5	0.0015	<LOQ	<LOQ
CBDVA	10.000	1.40E-5	0.0015	<LOQ	<LOQ
CBG	10.000	2.48E-4	0.0015	<LOQ	<LOQ
CBGA	10.000	8.00E-5	0.0015	<LOQ	<LOQ
CBL	10.000	3.50E-5	0.0015	<LOQ	<LOQ
Delta-9 THC	100.000	1.30E-5	0.0015	<LOQ	<LOQ
Delta9-THCP	10.000	1.17E-5	0.0012	<LOQ	<LOQ
Exo-THC	10.000	2.30E-4	0.0015	<LOQ	<LOQ
THCA-A	10.000	3.20E-5	0.0015	<LOQ	<LOQ
THCV	10.000	7.00E-6	0.0015	<LOQ	<LOQ
THCVA	10.000	4.70E-5	0.0015	<LOQ	<LOQ

<b>9.278%</b> Total HHC	<LOQ	<b>None Detected</b> Total Active THC
<b>0.031%</b> Total Active CBD	<LOQ	<b>None Detected</b> Total CBG
<b>0.240%</b> Total CBN	<LOQ	<b>70.154%</b> Other Cannabinoids
<b>79.703%</b> Total Cannabinoids	<LOQ	<LOQ

*Xueli Gao*  
Xueli Gao Lab Toxicologist  
Ph.D., DABT

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



Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBDVA \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.87), Total Active 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 = Delta8a10a-THC + 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, + HHC 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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Test Reg State: Oregon

Order # LIT221129-060001  
Order Date: 2022-11-29  
Sample #: AADU451

Sampling Date: 2022-12-02  
Lab Batch Date: 2022-12-02  
Completion Date: 2022-12-07

Initial Gross Weight: 64.310 g

**Pesticides**  
Specimen Weight: 253.300 mg

**Passed**  
SOP13.007  
(LCMS/GCMS)

Dilution Factor: 5.920

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	2.8800E-1	28.23	300	<LOQ	Imazalil	2.4800E-1	30	100	<LOQ
Acephate	2.3000E-2	30	3000	<LOQ	Imidacloprid	9.4000E-2	30	3000	<LOQ
Acequinocyl	9.5640E+0	48	2000	<LOQ	Kresoxim Methyl	4.2000E-2	30	1000	<LOQ
Acetamiprid	5.2000E-2	30	3000	<LOQ	Malathion	8.2000E-2	30	2000	<LOQ
Aldicarb	2.6000E-2	30	100	<LOQ	Metolaxyl	8.1000E-2	10	3000	<LOQ
Azoxystrobin	8.1000E-2	10	3000	<LOQ	Methiocarb	3.2000E-2	30	100	<LOQ
Bifenazate	1.4150E+0	30	3000	<LOQ	Methomyl	2.2000E-2	30	100	<LOQ
Bifenthrin	4.3000E-2	30	500	<LOQ	Mevinphos	2.1500E+0	30	100	<LOQ
Carbaryl	2.2000E-2	10	500	<LOQ	Myclobutanil	1.0290E+0	30	3000	<LOQ
Chlorfenapyr	8.0000E-2	48	100	<LOQ	Naled	9.5000E-2	30	500	<LOQ
Chlorpyrifos	3.5000E-2	30	100	<LOQ	Oxamyl	2.5000E-2	30	500	<LOQ
Clofentezine	1.1900E-1	30	500	<LOQ	Pacllobutrazol	6.5000E-2	30	100	<LOQ
Coumaphos	3.7700E+0	30	100	<LOQ	Parathion-methyl	1.7100E+0	48	100	<LOQ
Cyfluthrin	3.1100E+0	30	1000	<LOQ	Pentachloronitrobenzene	1.3200E+0	30	200	<LOQ
Cypermethrin	1.4490E+0	30	1000	<LOQ	Permethrin	3.4300E-1	30	1000	<LOQ
Daminozide	8.8500E-1	30	100	<LOQ	Phosmet	8.2000E-2	30	200	<LOQ
Diazinon	4.4000E-2	30	200	<LOQ	Piperonylbutoxide	2.9000E-2	30	3000	<LOQ
Dichlorvos	2.1820E+0	30	100	<LOQ	Prallethrin	7.9800E-1	30	400	<LOQ
Dimethoate	2.1000E-2	30	100	<LOQ	Propiconazole	7.0000E-2	30	1000	<LOQ
Dimethomorph	5.8300E+0	30	3000	<LOQ	Propoxur	4.6000E-2	30	100	<LOQ
Ethiofepros	3.6000E-1	30	100	<LOQ	Pyrethrins	2.3593E+1	30	1000	<LOQ
Etofenprox	1.1600E-1	30	100	<LOQ	Pyridaben	3.2000E-2	30	3000	<LOQ
Etoxazole	9.5000E-2	30	1500	<LOQ	Spinetoram	8.0000E-2	30	3000	<LOQ
Fenhexamid	5.1000E-1	30	3000	<LOQ	Spiromesifen	2.6100E-1	30	3000	<LOQ
Fenoxycarb	1.0700E-1	30	100	<LOQ	Spirotetramat	8.9000E-2	30	3000	<LOQ
Fenpyroximate	1.3800E-1	30	2000	<LOQ	Spiroxamine	1.3100E-1	30	100	<LOQ
Fipronil	1.0700E-1	30	100	<LOQ	Tebuconazole	6.7000E-2	30	1000	<LOQ
Fonicamid	5.1700E-1	30	2000	<LOQ	Thiacloprid	6.4000E-2	30	100	<LOQ
Fludioxonil	1.7400E+0	30	3000	<LOQ	Thiamethoxam	5.0000E-2	30	1000	<LOQ
Hexythiazox	4.9000E-2	30	2000	<LOQ	Trifloxystrobin	3.7000E-2	30	3000	<LOQ

**Mycotoxins**  
Specimen Weight: 253.300 mg

**Passed**  
SOP13.007 (LCMS)

Dilution Factor: 5.920

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	3.0400E-1	6	20	<LOQ	Aflatoxin G2	2.7100E-1	6	20	<LOQ
Aflatoxin B2	7.7000E-2	6	20	<LOQ	Ochratoxin A	7.5400E-1	12	20	<LOQ
Aflatoxin G1	3.0400E-1	6	20	<LOQ					

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Lab Toxicologist  
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Lab Director/Principal Scientist  
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Order Date: 2022-11-29  
Sample # AADU451

Sampling Date: 2022-12-02  
Lab Batch Date: 2022-12-02  
Completion Date: 2022-12-07

Initial Gross Weight: 64.310 g

### Residual Solvents - FL (CBD)

Specimen Weight: 14.300 mg

**Passed**  
SOP13.039 (GCMS)

Dilution Factor: 1.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethane	0.0094	0.16	8	<LOQ	Heptane	0.0013	1.39	5000	<LOQ
1,2-Dichloroethane	0.0003	0.04	5	<LOQ	Hexane	0.068	1.17	290	<LOQ
Acetone	0.015	2.08	5000	<LOQ	Isopropyl alcohol	0.0048	1.39	500	<LOQ
Acetonitrile	0.06	1.17	410	<LOQ	Methanol	0.0005	0.69	3000	<LOQ
Benzene	0.0002	0.02	2	<LOQ	Methylene chloride	0.0029	2.43	600	<LOQ
Butanes	0.4167	2.5	2000	<LOQ	Pentane	0.037	2.08	5000	<LOQ
Chloroform	0.0001	0.04	60	<LOQ	Propane	0.031	5.83	2100	<LOQ
Ethanol	0.0021	2.78	5000	<LOQ	Toluene	0.0009	2.92	890	<LOQ
Ethyl Acetate	0.0012	1.11	5000	<LOQ	Total Xylenes	0.0001	2.92	2170	<LOQ
Ethyl Ether	0.0049	1.39	5000	<LOQ	Trichloroethylene	0.0014	0.49	80	<LOQ
Ethylene Oxide	0.0038	0.1	5	<LOQ					

### HHC Metals

Specimen Weight: 251.610 mg

**Passed**  
SOP13.051 (ICP-MS)

Dilution Factor: 198.673

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	1.9E-2	100	200	<LOQ	Nickel (Ni)	1.5E-1	250	500	<LOQ
Cadmium (Cd)	4.0E-3	100	200	<LOQ	Palladium (Pd)	7.0E-3	50	100	<LOQ
Lead (Pb)	1.0E-2	100	500	<LOQ	Platinum (Pt)	1.3E-2	50	100	<LOQ
Mercury (Hg)	4.4E-2	100	200	<LOQ	Zinc (Zn)	4.1E-1	1000	na	<LOQ

### HHCP

Specimen Weight: 51.810 mg

**Tested**  
SOP13.050 (LCMS)

Dilution Factor: 5000.000

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)	Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	3.1100E-7	7.5E-5	17.8000	1.78	9(S)-HHCP	2.5500E-6	7.5E-5	30.2000	3.02
(9S)-HHC	8.7400E-7	7.5E-5	7.3000	0.73	Delta-9 THC	2.8000E-5	7.5E-5	<LOQ	
(±)-9B-hydroxy-HHC	4.5800E-7	7.5E-5	2.2800	0.228	Total HHC			92.7800	9.278
9(R)-HHCP	3.0900E-6	7.5E-5	35.2000	3.52					

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Xueli Gao Lab Toxicologist  
Ph.D., DABT

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



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**Lemon Cream Cake**  
Sample Matrix:  
CBD/HEMP  
Derivative Products  
(Inhalation - Heated)



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TORRANCE, CA 90501

Batch # 1018623  
Batch Date: 2022-11-29  
Extracted From: Hemp

Sampling Method: MSP 7.3.1  
Test Reg State: Oregon

Lab Note: Photo Updated

Order # LIT221129-060001  
Order Date: 2022-11-29  
Sample # AADU452

Sampling Date: 2022-12-02  
Lab Batch Date: 2022-12-02  
Completion Date: 2022-12-06

Initial Gross Weight: 64.270 g



**Potency Tested**

**HHC Metals Passed**

**HHCP HHCP Tested**

**Mycotoxins Passed**

**Pesticides Passed**

**Residual Solvents Passed**

**Pathogenic Microbiology Passed**

**Listeria Monocytogenes Passed**

Product Image

### Potency 23 (LCUV)

Specimen Weight: 51.530 mg

**Tested**  
SOP13.002 (LCUV)

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	Result (%)
Delta-8 THC	1000.000	2.60E-5	0.0015	471.1000	47.1100
Delta-8 THC-O Acetate	100.000	2.70E-5	0.0003	173.8000	17.3800
Delta-9 THC-O Acetate	100.000	7.70E-5	0.0003	50.1900	5.0190
CBT	10.000	2.00E-4	0.0015	3.8360	0.3836
Delta-8 THCV	10.000	4.00E-5	0.0015	3.3170	0.3317
CBC	100.000	1.80E-5	0.0015	2.2900	0.2290
CBNA	10.000	9.50E-5	0.0015	2.0110	0.2011
Delta8-THCP	10.000	3.75E-4	0.0015	1.5280	0.1528
CBN	10.000	1.40E-5	0.0015	0.6050	0.0605
CBD	10.000	5.40E-5	0.0015	0.3100	0.0310
CBCA	10.000	1.07E-4	0.0015	<LOQ	<LOQ
CBDA	10.000	1.00E-5	0.0015	<LOQ	<LOQ
CBDV	10.000	6.50E-5	0.0015	<LOQ	<LOQ
CBDVA	10.000	1.40E-5	0.0015	<LOQ	<LOQ
CBG	10.000	2.48E-4	0.0015	<LOQ	<LOQ
CBGA	10.000	8.00E-5	0.0015	<LOQ	<LOQ
CBL	10.000	3.50E-5	0.0015	<LOQ	<LOQ
Delta-9 THC	100.000	1.30E-5	0.0015	<LOQ	<LOQ
Delta9-THCP	10.000	1.17E-5	0.0012	<LOQ	<LOQ
Exo-THC	10.000	2.30E-4	0.0015	<LOQ	<LOQ
THCA-A	10.000	3.20E-5	0.0015	<LOQ	<LOQ
THCV	10.000	7.00E-6	0.0015	<LOQ	<LOQ
THCVA	10.000	4.70E-5	0.0015	<LOQ	<LOQ

### Potency Summary

<b>Total HHC</b> 10.348%	<LOQ	<b>Total Active THC</b> None Detected
<b>Total Active CBD</b> 0.031%	<LOQ	<b>Total CBG</b> None Detected
<b>Total CBN</b> 0.237%	<LOQ	<b>Other Cannabinoids</b> <LOQ
<b>Total Cannabinoids</b> 81.069%	<LOQ	

*Xueli Gao*  
Xueli Gao Lab Toxicologist  
Ph.D., DABT

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



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## Compliance Test

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Sampling Method: MSP 7.3.1  
Test Reg State: Oregon

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Sample #: AADU452

Sampling Date: 2022-12-02  
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Completion Date: 2022-12-06

Initial Gross Weight: 64.270 g

### Pesticides

Specimen Weight: 264.200 mg

Dilution Factor: 5.680

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	2.8800E-1	28.23	300	<LOQ	Imazalil	2.4800E-1	30	100	<LOQ
Acephate	2.3000E-2	30	3000	<LOQ	Imidacloprid	9.4000E-2	30	3000	<LOQ
Acequinocyl	9.5640E+0	48	2000	<LOQ	Kresoxim Methyl	4.2000E-2	30	1000	<LOQ
Acetamiprid	5.2000E-2	30	3000	<LOQ	Malathion	8.2000E-2	30	2000	<LOQ
Aldicarb	2.6000E-2	30	100	<LOQ	Metaxyl	8.1000E-2	10	3000	<LOQ
Azoxystrobin	8.1000E-2	10	3000	<LOQ	Methiocarb	3.2000E-2	30	100	<LOQ
Bifenazate	1.4150E+0	30	3000	<LOQ	Methomyl	2.2000E-2	30	100	<LOQ
Bifenthrin	4.3000E-2	30	500	<LOQ	Mevinphos	2.1500E+0	30	100	<LOQ
Carbaryl	2.2000E-2	10	500	<LOQ	Myclobutanil	1.0290E+0	30	3000	<LOQ
Chlorfenapyr	8.0000E-2	48	100	<LOQ	Naled	9.5000E-2	30	500	<LOQ
Chlorpyrifos	3.5000E-2	30	100	<LOQ	Oxamyl	2.5000E-2	30	500	<LOQ
Clofentezine	1.1900E-1	30	500	<LOQ	Pacllobutrazol	6.5000E-2	30	100	<LOQ
Coumaphos	3.7700E+0	30	100	<LOQ	Parathion-methyl	1.7100E+0	48	100	<LOQ
Cyfluthrin	3.1100E+0	30	1000	<LOQ	Pentachloronitrobenzene	1.3200E+0	30	200	<LOQ
Cypermethrin	1.4490E+0	30	1000	<LOQ	Permethrin	3.4300E-1	30	1000	<LOQ
Daminozide	8.8500E-1	30	100	<LOQ	Phosmet	8.2000E-2	30	200	<LOQ
Diazinon	4.4000E-2	30	200	<LOQ	Piperonylbutoxide	2.9000E-2	30	3000	<LOQ
Dichlorvos	2.1820E+0	30	100	<LOQ	Prallethrin	7.9800E-1	30	400	<LOQ
Dimethoate	2.1000E-2	30	100	<LOQ	Propiconazole	7.0000E-2	30	1000	<LOQ
Dimethomorph	5.8300E+0	30	3000	<LOQ	Propoxur	4.6000E-2	30	100	<LOQ
Ethiofepros	3.6000E-1	30	100	<LOQ	Pyrethrins	2.3593E+1	30	1000	<LOQ
Etofenprox	1.1600E-1	30	100	<LOQ	Pyridaben	3.2000E-2	30	3000	<LOQ
Etoxazole	9.5000E-2	30	1500	<LOQ	Spinetoram	8.0000E-2	30	3000	<LOQ
Fenhexamid	5.1000E-1	30	3000	<LOQ	Spiromesifen	2.6100E-1	30	3000	<LOQ
Fenoxycarb	1.0700E-1	30	100	<LOQ	Spirotetramat	8.9000E-2	30	3000	<LOQ
Fenpyroximate	1.3800E-1	30	2000	<LOQ	Spiroxamine	1.3100E-1	30	100	<LOQ
Fipronil	1.0700E-1	30	100	<LOQ	Tebuconazole	6.7000E-2	30	1000	<LOQ
Fonicamid	5.1700E-1	30	2000	<LOQ	Thiacloprid	6.4000E-2	30	100	<LOQ
Fludioxonil	1.7400E+0	30	3000	<LOQ	Thiamethoxam	5.0000E-2	30	1000	<LOQ
Hexythiazox	4.9000E-2	30	2000	<LOQ	Trifloxystrobin	3.7000E-2	30	3000	<LOQ

**Passed**  
SOP13.007  
(LCMS/GCMS)

### Pathogenic Microbiology SAE (MicroArray)

**Passed**  
SOP13.019  
(Micro Array)

Specimen Weight: 1025.870 mg

Dilution Factor: 1.000

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Aspergillus flavus	Absence in 1g	Aspergillus terreus	Absence in 1g
Aspergillus fumigatus	Absence in 1g	Salmonella	Absence in 1g
Aspergillus niger	Absence in 1g	STEC E. Coli	Absence in 1g

### Listeria Monocytogenes

**Passed**  
SOP13.032  
(qPCR)

Specimen Weight: 1013.400 mg

Dilution Factor: 1.000

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

### Mycotoxins

Specimen Weight: 264.200 mg

Dilution Factor: 5.680

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	3.0400E-1	6	20	<LOQ	Aflatoxin G2	2.7100E-1	6	20	<LOQ
Aflatoxin B2	7.7000E-2	6	20	<LOQ	Ochratoxin A	7.5400E-1	12	20	<LOQ
Aflatoxin G1	3.0400E-1	6	20	<LOQ					

**Passed**  
SOP13.007 (LCMS)

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 Active CBD = CBD + (CBD-A \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.87), Total Active THC = THCA-A \* 0.877 + Delta 9 THC, Total THC = 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 = Delta6a10a-THC + 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, + HHC 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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DEA No. RA0571996  
FL License # CMTL-0003  
CLIA No. 10D1094068

# Certificate of Analysis

## Compliance Test

**LITTLE HIGH**  
1450 W 228TH ST UNIT 35  
TORRANCE, CA 90501

Batch # 1018623  
Batch Date: 2022-11-29  
Extracted From: Hemp

Sampling Method: MSP 7.3.1  
Test Reg State: Oregon

Order # LIT221129-060001  
Order Date: 2022-11-29  
Sample # AADU452

Sampling Date: 2022-12-02  
Lab Batch Date: 2022-12-02  
Completion Date: 2022-12-06

Initial Gross Weight: 64.270 g

### Residual Solvents - FL (CBD)

Specimen Weight: 13.500 mg

**Passed**  
SOP13.039 (GCMS)

Dilution Factor: 1.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethane	0.0094	0.16	8	<LOQ	Heptane	0.0013	1.39	5000	<LOQ
1,2-Dichloroethane	0.0003	0.04	5	<LOQ	Hexane	0.068	1.17	290	<LOQ
Acetone	0.015	2.08	5000	<LOQ	Isopropyl alcohol	0.0048	1.39	500	<LOQ
Acetonitrile	0.06	1.17	410	<LOQ	Methanol	0.0005	0.69	3000	<LOQ
Benzene	0.0002	0.02	2	<LOQ	Methylene chloride	0.0029	2.43	600	<LOQ
Butanes	0.4167	2.5	2000	<LOQ	Pentane	0.037	2.08	5000	<LOQ
Chloroform	0.0001	0.04	60	<LOQ	Propane	0.031	5.83	2100	<LOQ
Ethanol	0.0021	2.78	5000	<LOQ	Toluene	0.0009	2.92	890	<LOQ
Ethyl Acetate	0.0012	1.11	5000	<LOQ	Total Xylenes	0.0001	2.92	2170	<LOQ
Ethyl Ether	0.0049	1.39	5000	<LOQ	Trichloroethylene	0.0014	0.49	80	<LOQ
Ethylene Oxide	0.0038	0.1	5	<LOQ					

### HHC Metals

Specimen Weight: 250.770 mg

**Passed**  
SOP13.051 (ICP-MS)

Dilution Factor: 199.386

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	1.9E-2	100	200	<LOQ	Nickel (Ni)	1.5E-1	250	500	<LOQ
Cadmium (Cd)	4.0E-3	100	200	<LOQ	Palladium (Pd)	7.0E-3	50	100	<LOQ
Lead (Pb)	1.0E-2	100	500	<LOQ	Platinum (Pt)	1.3E-2	50	100	<LOQ
Mercury (Hg)	4.4E-2	100	200	<LOQ	Zinc (Zn)	4.1E-1	1000	na	<LOQ

### HHCP

Specimen Weight: 51.530 mg

**Tested**  
SOP13.050 (LCMS)

Dilution Factor: 5000.000

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)	Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	3.1100E-7	7.5E-5	18.5000	1.85	9(S)-HHCP	2.5500E-6	7.5E-5	36.1000	3.61
(9S)-HHC	8.7400E-7	7.5E-5	5.8000	0.58	Delta-9 THC	2.8000E-5	7.5E-5	<LOQ	
(±)-9B-hydroxy-HHC	4.5800E-7	7.5E-5	2.1800	0.218	Total HHC			103.4800	10.348
9(R)-HHCP	3.0900E-6	7.5E-5	40.9000	4.09					

*Xueli Gao*  
Xueli Gao Lab Toxicologist  
Ph.D., DABT

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



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**Pink Dragon fruit**  
Sample Matrix:  
CBD/HEMP  
Derivative Products  
(Inhalation - Heated)



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

# Certificate of Analysis

## Compliance Test

**LITTLE HIGH**  
1450 W 228TH ST UNIT 35  
TORRANCE, CA 90501

Batch # 1018626  
Batch Date: 2022-11-29  
Extracted From: Hemp

Sampling Method: MSP 7.3.1  
Test Reg State: Oregon

Lab Note: Photo Updated

Order # LIT221129-060001  
Order Date: 2022-11-29  
Sample # AADU453

Sampling Date: 2022-12-02  
Lab Batch Date: 2022-12-02  
Completion Date: 2022-12-08

Initial Gross Weight: 64.378 g



**Potency Tested**

**HHC Metals Passed**

**HHCP HHCP Tested**

**Mycotoxins Passed**

**Pesticides Passed**

**Residual Solvents Passed**

**Pathogenic Microbiology Passed**

**Listeria Monocytogenes Passed**

Product Image

### Potency 23 (LCUV)

Specimen Weight: 57.860 mg

**Tested**

SOP13.002 (LCUV)

### Potency Summary

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	Result (%)
Delta-8 THC	1000.000	2.60E-5	0.0015	470.3000	47.0300
Delta-8 THC-O Acetate	100.000	2.70E-5	0.0003	172.4000	17.2400
Delta-9 THC-O Acetate	100.000	7.70E-5	0.0003	50.4400	5.0440
CBT	10.000	2.00E-4	0.0015	3.8340	0.3834
Delta-8 THCV	10.000	4.00E-5	0.0015	3.3370	0.3337
CBC	100.000	1.80E-5	0.0015	3.0900	0.3090
CBNA	10.000	9.50E-5	0.0015	2.0100	0.2010
Delta8-THCP	10.000	3.75E-4	0.0015	1.5290	0.1529
CBN	10.000	1.40E-5	0.0015	0.5960	0.0596
CBD	10.000	5.40E-5	0.0015	0.2930	0.0293
CBCA	10.000	1.07E-4	0.0015	<LOQ	<LOQ
CBDA	10.000	1.00E-5	0.0015	<LOQ	<LOQ
CBDV	10.000	6.50E-5	0.0015	<LOQ	<LOQ
CBDVA	10.000	1.40E-5	0.0015	<LOQ	<LOQ
CBG	10.000	2.48E-4	0.0015	<LOQ	<LOQ
CBGA	10.000	8.00E-5	0.0015	<LOQ	<LOQ
CBL	10.000	3.50E-5	0.0015	<LOQ	<LOQ
Delta-9 THC	100.000	1.30E-5	0.0015	<LOQ	<LOQ
Delta9-THCP	10.000	1.17E-5	0.0012	<LOQ	<LOQ
Exo-THC	10.000	2.30E-4	0.0015	<LOQ	<LOQ
THCA-A	10.000	3.20E-5	0.0015	<LOQ	<LOQ
THCV	10.000	7.00E-6	0.0015	<LOQ	<LOQ
THCVA	10.000	4.70E-5	0.0015	<LOQ	<LOQ

<b>9.319%</b> Total HHC	<LOQ	-	Total Active THC	None Detected
<b>0.029%</b> Total Active CBD	<LOQ	-	Total CBG	None Detected
<b>0.236%</b> Total CBN	<LOQ	<b>70.340%</b>	Other Cannabinoids	<LOQ
<b>79.924%</b> Total Cannabinoids	<LOQ			

*Xueli Gao*  
Xueli Gao Lab Toxicologist  
Ph.D., DABT

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



Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBDVA \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.87), Total Active 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 = Delta8a10a-THC + 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, + HHC 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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DEA No. RA0571996  
FL License # CMTL-0003  
CLIA No. 10D1094068

# Certificate of Analysis

## Compliance Test

**LITTLE HIGH**  
1450 W 228TH ST UNIT 35  
TORRANCE, CA 90501

Batch # 1018626  
Batch Date: 2022-11-29  
Extracted From: Hemp

Sampling Method: MSP 7.3.1  
Test Reg State: Oregon

Order # LIT221129-060001  
Order Date: 2022-11-29  
Sample # AADU453

Sampling Date: 2022-12-02  
Lab Batch Date: 2022-12-02  
Completion Date: 2022-12-08

Initial Gross Weight: 64.378 g



### Pesticides

Specimen Weight: 265.300 mg

Dilution Factor: 5.650

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	2.8800E-1	28.23	300	<LOQ	Imazalil	2.4800E-1	30	100	<LOQ
Acephate	2.3000E-2	30	3000	<LOQ	Imidacloprid	9.4000E-2	30	3000	<LOQ
Acequinocyl	9.5640E+0	48	2000	<LOQ	Kresoxim Methyl	4.2000E-2	30	1000	<LOQ
Acetamiprid	5.2000E-2	30	3000	<LOQ	Malathion	8.2000E-2	30	2000	<LOQ
Aldicarb	2.6000E-2	30	100	<LOQ	Metaxyl	8.1000E-2	10	3000	<LOQ
Azoxystrobin	8.1000E-2	10	3000	<LOQ	Methiocarb	3.2000E-2	30	100	<LOQ
Bifenazate	1.4150E+0	30	3000	<LOQ	Methomyl	2.2000E-2	30	100	<LOQ
Bifenthrin	4.3000E-2	30	500	<LOQ	Mevinphos	2.1500E+0	30	100	<LOQ
Carbaryl	2.2000E-2	10	500	<LOQ	Myclobutanil	1.0290E+0	30	3000	<LOQ
Chlorfenapyr	8.0000E-2	48	100	<LOQ	Naled	9.5000E-2	30	500	<LOQ
Chlorpyrifos	3.5000E-2	30	100	<LOQ	Oxamyl	2.5000E-2	30	500	<LOQ
Clofentezine	1.1900E-1	30	500	<LOQ	Pacllobutrazol	6.5000E-2	30	100	<LOQ
Coumaphos	3.7700E+0	30	100	<LOQ	Parathion-methyl	1.7100E+0	48	100	<LOQ
Cyfluthrin	3.1100E+0	30	1000	<LOQ	Pentachloronitrobenzene	1.3200E+0	30	200	<LOQ
Cypermethrin	1.4490E+0	30	1000	<LOQ	Permethrin	3.4300E-1	30	1000	<LOQ
Daminozide	8.8500E-1	30	100	<LOQ	Phosmet	8.2000E-2	30	200	<LOQ
Diazinon	4.4000E-2	30	200	<LOQ	Piperonylbutoxide	2.9000E-2	30	3000	<LOQ
Dichlorvos	2.1820E+0	30	100	<LOQ	Prallethrin	7.9800E-1	30	400	<LOQ
Dimethoate	2.1000E-2	30	100	<LOQ	Propiconazole	7.0000E-2	30	1000	<LOQ
Dimethomorph	5.8300E+0	30	3000	<LOQ	Propoxur	4.6000E-2	30	100	<LOQ
Ethoprophos	3.6000E-1	30	100	<LOQ	Pyrethrins	2.3593E+1	30	1000	<LOQ
Etofenprox	1.1600E-1	30	100	<LOQ	Pyridaben	3.2000E-2	30	3000	<LOQ
Etoxazole	9.5000E-2	30	1500	<LOQ	Spinetoram	8.0000E-2	30	3000	<LOQ
Fenhexamid	5.1000E-1	30	3000	<LOQ	Spiromesifen	2.6100E-1	30	3000	<LOQ
Fenoxycarb	1.0700E-1	30	100	<LOQ	Spirotetramat	8.9000E-2	30	3000	<LOQ
Fenpyroximate	1.3800E-1	30	2000	<LOQ	Spiroxamine	1.3100E-1	30	100	<LOQ
Fipronil	1.0700E-1	30	100	<LOQ	Tebuconazole	6.7000E-2	30	1000	<LOQ
Fonicamid	5.1700E-1	30	2000	<LOQ	Thiacloprid	6.4000E-2	30	100	<LOQ
Fludioxonil	1.7400E+0	30	3000	<LOQ	Thiamethoxam	5.0000E-2	30	1000	<LOQ
Hexythiazox	4.9000E-2	30	2000	<LOQ	Trifloxystrobin	3.7000E-2	30	3000	<LOQ

**Passed**  
SOP13.007  
(LCMS/GCMS)



### Pathogenic Microbiology SAE (MicroArray)

**Passed**  
SOP13.019  
(Micro Array)

Specimen Weight: 1029.930 mg

Dilution Factor: 1.000

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Aspergillus flavus	Absence in 1g	Aspergillus terreus	Absence in 1g
Aspergillus fumigatus	Absence in 1g	Salmonella	Absence in 1g
Aspergillus niger	Absence in 1g	STEC E. Coli	Absence in 1g



### Listeria Monocytogenes

Specimen Weight: 1010.800 mg

**Passed**  
SOP13.032  
(qPCR)

Dilution Factor: 1.000

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



### Mycotoxins

Specimen Weight: 265.300 mg

Dilution Factor: 5.650

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	3.0400E-1	6	20	<LOQ	Aflatoxin G2	2.7100E-1	6	20	<LOQ
Aflatoxin B2	7.7000E-2	6	20	<LOQ	Ochratoxin A	7.5400E-1	12	20	<LOQ
Aflatoxin G1	3.0400E-1	6	20	<LOQ					

**Passed**  
SOP13.007 (LCMS)

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 Active CBD = CBD + (CBD-A \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.87), Total Active THC = THCA-A \* 0.877 + Delta 9 THC, Total THC = 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 in the summary section, Total Detected Cannabinoids = Delta6a10a-THC + 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, + HHC 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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DEA No. RA0571996  
FL License # CMTL-0003  
CLIA No. 10D1094068

# Certificate of Analysis

Compliance Test

**LITTLE HIGH**  
1450 W 228TH ST UNIT 35  
TORRANCE, CA 90501

Batch # 1018626  
Batch Date: 2022-11-29  
Extracted From: Hemp

Sampling Method: MSP 7.3.1  
Test Reg State: Oregon

Order # LIT221129-060001  
Order Date: 2022-11-29  
Sample # AADU453

Sampling Date: 2022-12-02  
Lab Batch Date: 2022-12-02  
Completion Date: 2022-12-08

Initial Gross Weight: 64.378 g

## Residual Solvents - FL (CBD)

Specimen Weight: 10.000 mg

**Passed**  
SOP13.039 (GCMS)

Dilution Factor: 1.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.0094	0.16	8	<LOQ	Heptane	0.0013	1.39	5000	<LOQ
1,2-Dichloroethane	0.0003	0.04	5	<LOQ	Hexane	0.068	1.17	290	<LOQ
Acetone	0.015	2.08	5000	<LOQ	Isopropyl alcohol	0.0048	1.39	500	<LOQ
Acetonitrile	0.06	1.17	410	<LOQ	Methanol	0.0005	0.69	3000	<LOQ
Benzene	0.0002	0.02	2	<LOQ	Methylene chloride	0.0029	2.43	600	<LOQ
Butanes	0.4167	2.5	2000	<LOQ	Pentane	0.037	2.08	5000	<LOQ
Chloroform	0.0001	0.04	60	<LOQ	Propane	0.031	5.83	2100	<LOQ
Ethanol	0.0021	2.78	5000	<LOQ	Toluene	0.0009	2.92	890	<LOQ
Ethyl Acetate	0.0012	1.11	5000	<LOQ	Total Xylenes	0.0001	2.92	2170	<LOQ
Ethyl Ether	0.0049	1.39	5000	<LOQ	Trichloroethylene	0.0014	0.49	80	<LOQ
Ethylene Oxide	0.0038	0.1	5	<LOQ					

## HHC Metals

Specimen Weight: 247.490 mg

**Passed**  
SOP13.051 (ICP-MS)

Dilution Factor: 202.028

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	1.9E-2	100	200	<LOQ	Nickel (Ni)	1.5E-1	250	500	<LOQ
Cadmium (Cd)	4.0E-3	100	200	<LOQ	Palladium (Pd)	7.0E-3	50	100	<LOQ
Lead (Pb)	1.0E-2	100	500	<LOQ	Platinum (Pt)	1.3E-2	50	100	<LOQ
Mercury (Hg)	4.4E-2	100	200	<LOQ	Zinc (Zn)	4.1E-1	1000	na	1296.0

## HHCP

Specimen Weight: 57.860 mg

**Tested**  
SOP13.050 (LCMS)

Dilution Factor: 5000.000

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)	Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	3.1100E-7	7.5E-5	18.1000	1.81	9(S)-HHCP	2.5500E-6	7.5E-5	26.9000	2.69
(9S)-HHC	8.7400E-7	7.5E-5	7.7100	0.771	Delta-9 THC	2.8000E-5	7.5E-5	<LOQ	
(±)-9B-hydroxy-HHC	4.5800E-7	7.5E-5	2.3800	0.238	Total HHC			93.1900	9.319
9(R)-HHCP	3.0900E-6	7.5E-5	38.1000	3.81					

*Xueli Gao*  
Xueli Gao Lab Toxicologist  
Ph.D., DABT

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



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DEA No. RA0571996  
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CLIA No. 10D1094068

# Certificate of Analysis

## Compliance Test

**LITTLE HIGH**  
1450 W 228TH ST UNIT 35  
TORRANCE, CA 90501

Batch # 1018625  
Batch Date: 2022-11-29  
Extracted From: Hemp

Sampling Method: MSP 7.3.1  
Test Reg State: Oregon

Lab Note: Photo Updated

Order # LIT221129-060001  
Order Date: 2022-11-29  
Sample # AADU454

Sampling Date: 2022-12-02  
Lab Batch Date: 2022-12-02  
Completion Date: 2022-12-06

Initial Gross Weight: 65.326 g



**Potency Tested**

**HHC Metals Passed**

**HHCP HHCP Tested**

**Mycotoxins Passed**

**Pesticides Passed**

**Residual Solvents Passed**

**Pathogenic Microbiology Passed**

**Listeria Monocytogenes Passed**

Product Image

### Potency 23 (LCUV)

Specimen Weight: 57.590 mg

### Tested

SOP13.002 (LCUV)

### Potency Summary

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	1000.000	2.60E-5	0.0015	470.9000	47.0900
Delta-8 THC-O Acetate	100.000	2.70E-5	0.0003	172.0000	17.2000
Delta-9 THC-O Acetate	100.000	7.70E-5	0.0003	50.6100	5.0610
CBT	10.000	2.00E-4	0.0015	3.8710	0.3871
Delta-8 THCV	10.000	4.00E-5	0.0015	3.3600	0.3360
CBNA	10.000	9.50E-5	0.0015	2.0310	0.2031
Delta8-THCP	10.000	3.75E-4	0.0015	1.5430	0.1543
CBN	10.000	1.40E-5	0.0015	0.5990	0.0599
CBD	10.000	5.40E-5	0.0015	0.3000	0.0300
CBC	100.000	1.80E-5	0.0015	<LOQ	<LOQ
CBCA	10.000	1.07E-4	0.0015	<LOQ	<LOQ
CBDA	10.000	1.00E-5	0.0015	<LOQ	<LOQ
CBDV	10.000	6.50E-5	0.0015	<LOQ	<LOQ
CBDVA	10.000	1.40E-5	0.0015	<LOQ	<LOQ
CBG	10.000	2.48E-4	0.0015	<LOQ	<LOQ
CBGA	10.000	8.00E-5	0.0015	<LOQ	<LOQ
CBL	10.000	3.50E-5	0.0015	<LOQ	<LOQ
Delta-9 THC	100.000	1.30E-5	0.0015	<LOQ	<LOQ
Delta9-THCP	10.000	1.17E-5	0.0012	<LOQ	<LOQ
Exo-THC	10.000	2.30E-4	0.0015	<LOQ	<LOQ
THCA-A	10.000	3.20E-5	0.0015	<LOQ	<LOQ
THCV	10.000	7.00E-6	0.0015	<LOQ	<LOQ
THCVA	10.000	4.70E-5	0.0015	<LOQ	<LOQ

<b>Total HHC</b> 10.839%	<LOQ	<b>Total Active THC</b> None Detected
<b>Total Active CBD</b> 0.030%	<LOQ	<b>Total CBG</b> None Detected
<b>Total CBN</b> 0.238%	<LOQ	<b>Other Cannabinoids</b> 70.074% <LOQ
<b>Total Cannabinoids</b> 81.181%	<LOQ	

*Xueli Gao*  
Xueli Gao Lab Toxicologist  
Ph.D., DABT

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



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

# Certificate of Analysis

Compliance Test

**LITTLE HIGH**  
1450 W 228TH ST UNIT 35  
TORRANCE, CA 90501

Batch # 1018625  
Batch Date: 2022-11-29  
Extracted From: Hemp

Sampling Method: MSP 7.3.1  
Test Reg State: Oregon

Order # LIT221129-060001  
Order Date: 2022-11-29  
Sample # AADU454

Sampling Date: 2022-12-02  
Lab Batch Date: 2022-12-02  
Completion Date: 2022-12-06

Initial Gross Weight: 65.326 g

## Pesticides

Specimen Weight: 269.400 mg

Dilution Factor: 5.570

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	2.8800E-1	28.23	300	<LOQ	Imazalil	2.4800E-1	30	100	<LOQ
Acephate	2.3000E-2	30	3000	<LOQ	Imidacloprid	9.4000E-2	30	3000	<LOQ
Acequinocyl	9.5640E+0	48	2000	<LOQ	Kresoxim Methyl	4.2000E-2	30	1000	<LOQ
Acetamiprid	5.2000E-2	30	3000	<LOQ	Malathion	8.2000E-2	30	2000	<LOQ
Aldicarb	2.6000E-2	30	100	<LOQ	Metaxyl	8.1000E-2	10	3000	<LOQ
Azoxystrobin	8.1000E-2	10	3000	<LOQ	Methiocarb	3.2000E-2	30	100	<LOQ
Bifenazate	1.4150E+0	30	3000	<LOQ	Methomyl	2.2000E-2	30	100	<LOQ
Bifenthrin	4.3000E-2	30	500	<LOQ	Mevinphos	2.1500E+0	30	100	<LOQ
Carbaryl	2.2000E-2	10	500	<LOQ	Myclobutanil	1.0290E+0	30	3000	<LOQ
Chlorfenapyr	8.0000E-2	48	100	<LOQ	Naled	9.5000E-2	30	500	<LOQ
Chlorpyrifos	3.5000E-2	30	100	<LOQ	Oxamyl	2.5000E-2	30	500	<LOQ
Clofentezine	1.1900E-1	30	500	<LOQ	Pacllobutrazol	6.5000E-2	30	100	<LOQ
Coumaphos	3.7700E+0	30	100	<LOQ	Parathion-methyl	1.7100E+0	48	100	<LOQ
Cyfluthrin	3.1100E+0	30	1000	<LOQ	Pentachloronitrobenzene	1.3200E+0	30	200	<LOQ
Cypermethrin	1.4490E+0	30	1000	<LOQ	Permethrin	3.4300E-1	30	1000	<LOQ
Daminozide	8.8500E-1	30	100	<LOQ	Phosmet	8.2000E-2	30	200	<LOQ
Diazinon	4.4000E-2	30	200	<LOQ	Piperonylbutoxide	2.9000E-2	30	3000	<LOQ
Dichlorvos	2.1820E+0	30	100	<LOQ	Prallethrin	7.9800E-1	30	400	<LOQ
Dimethoate	2.1000E-2	30	100	<LOQ	Propiconazole	7.0000E-2	30	1000	<LOQ
Dimethomorph	5.8300E+0	30	3000	<LOQ	Propoxur	4.6000E-2	30	100	<LOQ
Ethoprophos	3.6000E-1	30	100	<LOQ	Pyrethrins	2.3593E+1	30	1000	<LOQ
Etofenprox	1.1600E-1	30	100	<LOQ	Pyridaben	3.2000E-2	30	3000	<LOQ
Etoxazole	9.5000E-2	30	1500	<LOQ	Spinetoram	8.0000E-2	30	3000	<LOQ
Fenhexamid	5.1000E-1	30	3000	<LOQ	Spiromesifen	2.6100E-1	30	3000	<LOQ
Fenoxycarb	1.0700E-1	30	100	<LOQ	Spirotetramat	8.9000E-2	30	3000	<LOQ
Fenpyroximate	1.3800E-1	30	2000	<LOQ	Spiroxamine	1.3100E-1	30	100	<LOQ
Fipronil	1.0700E-1	30	100	<LOQ	Tebuconazole	6.7000E-2	30	1000	<LOQ
Fonicamid	5.1700E-1	30	2000	<LOQ	Thiacloprid	6.4000E-2	30	100	<LOQ
Fludioxonil	1.7400E+0	30	3000	<LOQ	Thiamethoxam	5.0000E-2	30	1000	<LOQ
Hexythiazox	4.9000E-2	30	2000	<LOQ	Trifloxystrobin	3.7000E-2	30	3000	<LOQ

Passed  
SOP13.007  
(LCMS/GCMS)

## Pathogenic Microbiology SAE (MicroArray)

Passed  
SOP13.019  
(Micro Array)

Specimen Weight: 1034.720 mg

Dilution Factor: 1.000

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Aspergillus flavus	Absence in 1g	Aspergillus terreus	Absence in 1g
Aspergillus fumigatus	Absence in 1g	Salmonella	Absence in 1g
Aspergillus niger	Absence in 1g	STEC E. Coli	Absence in 1g

## Listeria Monocytogenes

Passed  
SOP13.032  
(qPCR)

Specimen Weight: 1018.500 mg

Dilution Factor: 1.000

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

## Mycotoxins

Specimen Weight: 269.400 mg

Dilution Factor: 5.570

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	3.0400E-1	6	20	<LOQ	Aflatoxin G2	2.7100E-1	6	20	<LOQ
Aflatoxin B2	7.7000E-2	6	20	<LOQ	Ochratoxin A	7.5400E-1	12	20	<LOQ
Aflatoxin G1	3.0400E-1	6	20	<LOQ					

Passed  
SOP13.007 (LCMS)

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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Compliance Test

**LITTLE HIGH**  
1450 W 228TH ST UNIT 35  
TORRANCE, CA 90501

Batch # 1018625  
Batch Date: 2022-11-29  
Extracted From: Hemp

Sampling Method: MSP 7.3.1  
Test Reg State: Oregon

Order # LIT221129-060001  
Order Date: 2022-11-29  
Sample # AADU454

Sampling Date: 2022-12-02  
Lab Batch Date: 2022-12-02  
Completion Date: 2022-12-06

Initial Gross Weight: 65.326 g

## Residual Solvents - FL (CBD)

Specimen Weight: 13.500 mg

**Passed**  
SOP13.039 (GCMS)

Dilution Factor: 1.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.0094	0.16	8	<LOQ	Heptane	0.0013	1.39	5000	<LOQ
1,2-Dichloroethane	0.0003	0.04	5	<LOQ	Hexane	0.068	1.17	290	<LOQ
Acetone	0.015	2.08	5000	<LOQ	Isopropyl alcohol	0.0048	1.39	500	<LOQ
Acetonitrile	0.06	1.17	410	<LOQ	Methanol	0.0005	0.69	3000	<LOQ
Benzene	0.0002	0.02	2	<LOQ	Methylene chloride	0.0029	2.43	600	<LOQ
Butanes	0.4167	2.5	2000	<LOQ	Pentane	0.037	2.08	5000	<LOQ
Chloroform	0.0001	0.04	60	<LOQ	Propane	0.031	5.83	2100	<LOQ
Ethanol	0.0021	2.78	5000	<LOQ	Toluene	0.0009	2.92	890	<LOQ
Ethyl Acetate	0.0012	1.11	5000	<LOQ	Total Xylenes	0.0001	2.92	2170	<LOQ
Ethyl Ether	0.0049	1.39	5000	<LOQ	Trichloroethylene	0.0014	0.49	80	<LOQ
Ethylene Oxide	0.0038	0.1	5	<LOQ					

## HHC Metals

Specimen Weight: 251.300 mg

**Passed**  
SOP13.051 (ICP-MS)

Dilution Factor: 198.965

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	1.9E-2	100	200	<LOQ	Nickel (Ni)	1.5E-1	250	500	<LOQ
Cadmium (Cd)	4.0E-3	100	200	<LOQ	Palladium (Pd)	7.0E-3	50	100	<LOQ
Lead (Pb)	1.0E-2	100	500	<LOQ	Platinum (Pt)	1.3E-2	50	100	<LOQ
Mercury (Hg)	4.4E-2	100	200	<LOQ	Zinc (Zn)	4.1E-1	1000	na	<LOQ

## HHCP

Specimen Weight: 57.590 mg

**Tested**  
SOP13.050 (LCMS)

Dilution Factor: 5000.000

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)	Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	3.1100E-7	7.5E-5	19.8000	1.98	9(S)-HHCP	2.5500E-6	7.5E-5	37.9000	3.79
(9S)-HHC	8.7400E-7	7.5E-5	7.7500	0.775	Delta-9 THC	2.8000E-5	7.5E-5	<LOQ	
(±)-9B-hydroxy-HHC	4.5800E-7	7.5E-5	2.6400	0.264	Total HHC			108.3900	10.839
9(R)-HHCP	3.0900E-6	7.5E-5	40.3000	4.03					

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*Aixia Sun*  
Aixia Sun Lab Director/Principal Scientist  
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DEA No. RA0571996  
FL License # CMTL-0003  
CLIA No. 10D1094068

# Certificate of Analysis

## Compliance Test

**LITTLE HIGH**  
1450 W 228TH ST UNIT 35  
TORRANCE, CA 90501

Batch # 1018624  
Batch Date: 2022-11-29  
Extracted From: Hemp

Sampling Method: MSP 7.3.1  
Test Reg State: Oregon

Lab Note: Photo Updated

Order # LIT221129-060001  
Order Date: 2022-11-29  
Sample # AADU455

Sampling Date: 2022-12-02  
Lab Batch Date: 2022-12-02  
Completion Date: 2022-12-06

Initial Gross Weight: 64.002 g



**Potency Tested**

**HHC Metals Passed**

**HHCP HHCP Tested**

**Mycotoxins Passed**

**Pesticides Passed**

**Residual Solvents Passed**

**Pathogenic Microbiology Passed**

**Listeria Monocytogenes Passed**

Product Image

### Potency 23 (LCUV)

Specimen Weight: 56.160 mg

### Tested

SOP13.002 (LCUV)

### Potency Summary

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	Result (%)
Delta-8 THC	1000.000	2.60E-5	0.0015	468.3000	46.83000
Delta-8 THC-O Acetate	100.000	2.70E-5	0.0003	174.4000	17.44000
Delta-9 THC-O Acetate	100.000	7.70E-5	0.0003	50.9500	5.09500
CBT	10.000	2.00E-4	0.0015	3.8350	0.38350
Delta-8 THCV	10.000	4.00E-5	0.0015	3.3370	0.33370
CBNA	10.000	9.50E-5	0.0015	1.6210	0.16210
Delta8-THCP	10.000	3.75E-4	0.0015	1.5570	0.15570
CBN	10.000	1.40E-5	0.0015	0.6110	0.06110
CBD	10.000	5.40E-5	0.0015	0.3170	0.03170
CBC	100.000	1.80E-5	0.0015	<LOQ	<LOQ
CBCA	10.000	1.07E-4	0.0015	<LOQ	<LOQ
CBDA	10.000	1.00E-5	0.0015	<LOQ	<LOQ
CBDV	10.000	6.50E-5	0.0015	<LOQ	<LOQ
CBDVA	10.000	1.40E-5	0.0015	<LOQ	<LOQ
CBG	10.000	2.48E-4	0.0015	<LOQ	<LOQ
CBGA	10.000	8.00E-5	0.0015	<LOQ	<LOQ
CBL	10.000	3.50E-5	0.0015	<LOQ	<LOQ
Delta-9 THC	100.000	1.30E-5	0.0015	<LOQ	<LOQ
Delta9-THCP	10.000	1.17E-5	0.0012	<LOQ	<LOQ
Exo-THC	10.000	2.30E-4	0.0015	<LOQ	<LOQ
THCA-A	10.000	3.20E-5	0.0015	<LOQ	<LOQ
THCV	10.000	7.00E-6	0.0015	<LOQ	<LOQ
THCVA	10.000	4.70E-5	0.0015	<LOQ	<LOQ

<b>Total HHC</b> 10.852%	<LOQ	<b>Total Active THC</b> None Detected
<b>Total Active CBD</b> 0.032%	<LOQ	<b>Total CBG</b> None Detected
<b>Total CBN</b> 0.203%	<LOQ	<b>Other Cannabinoids</b> <LOQ
<b>Total Cannabinoids</b> 81.169%	<LOQ	

*Xueli Gao*  
Xueli Gao Lab Toxicologist  
Ph.D., DABT

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



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# Certificate of Analysis

Compliance Test

**LITTLE HIGH**  
1450 W 228TH ST UNIT 35  
TORRANCE, CA 90501

Batch # 1018624  
Batch Date: 2022-11-29  
Extracted From: Hemp

Sampling Method: MSP 7.3.1  
Test Reg State: Oregon

Order # LIT221129-060001  
Order Date: 2022-11-29  
Sample # AADU455

Sampling Date: 2022-12-02  
Lab Batch Date: 2022-12-02  
Completion Date: 2022-12-06

Initial Gross Weight: 64.002 g

**Pesticides**  
Specimen Weight: 273.800 mg

**Passed**  
SOP13.007  
(LCMS/GCMS)

Dilution Factor: 5.480									
Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	2.8800E-1	28.23	300	<LOQ	Imazalil	2.4800E-1	30	100	<LOQ
Acephate	2.3000E-2	30	3000	<LOQ	Imidacloprid	9.4000E-2	30	3000	<LOQ
Acequinocyl	9.5640E+0	48	2000	<LOQ	Kresoxim Methyl	4.2000E-2	30	1000	<LOQ
Acetamiprid	5.2000E-2	30	3000	<LOQ	Malathion	8.2000E-2	30	2000	<LOQ
Aldicarb	2.6000E-2	30	100	<LOQ	Metolaxyl	8.1000E-2	10	3000	<LOQ
Azoxystrobin	8.1000E-2	10	3000	<LOQ	Methiocarb	3.2000E-2	30	100	<LOQ
Bifenazate	1.4150E+0	30	3000	<LOQ	Methomyl	2.2000E-2	30	100	<LOQ
Bifenthrin	4.3000E-2	30	500	<LOQ	Mevinphos	2.1500E+0	30	100	<LOQ
Carbaryl	2.2000E-2	10	500	<LOQ	Myclobutanil	1.0290E+0	30	3000	<LOQ
Chlorfenapyr	8.0000E-2	48	100	<LOQ	Naled	9.5000E-2	30	500	<LOQ
Chlorpyrifos	3.5000E-2	30	100	<LOQ	Oxamyl	2.5000E-2	30	500	<LOQ
Clofentezine	1.1900E-1	30	500	<LOQ	Pacllobutrazol	6.5000E-2	30	100	<LOQ
Coumaphos	3.7700E+0	30	100	<LOQ	Parathion-methyl	1.7100E+0	48	100	<LOQ
Cyfluthrin	3.1100E+0	30	1000	<LOQ	Pentachloronitrobenzene	1.3200E+0	30	200	<LOQ
Cypermethrin	1.4490E+0	30	1000	<LOQ	Permethrin	3.4300E-1	30	1000	<LOQ
Daminozide	8.8500E-1	30	100	<LOQ	Phosmet	8.2000E-2	30	200	<LOQ
Diazinon	4.4000E-2	30	200	<LOQ	Piperonylbutoxide	2.9000E-2	30	3000	<LOQ
Dichlorvos	2.1820E+0	30	100	<LOQ	Prallethrin	7.9800E-1	30	400	<LOQ
Dimethoate	2.1000E-2	30	100	<LOQ	Propiconazole	7.0000E-2	30	1000	<LOQ
Dimethomorph	5.8300E+0	30	3000	<LOQ	Propoxur	4.6000E-2	30	100	<LOQ
Ethiofepros	3.6000E-1	30	100	<LOQ	Pyrethrins	2.3593E+1	30	1000	<LOQ
Etofenprox	1.1600E-1	30	100	<LOQ	Pyridaben	3.2000E-2	30	3000	<LOQ
Etoxazole	9.5000E-2	30	1500	<LOQ	Spinetoram	8.0000E-2	30	3000	<LOQ
Fenhexamid	5.1000E-1	30	3000	<LOQ	Spiromesifen	2.6100E-1	30	3000	<LOQ
Fenoxycarb	1.0700E-1	30	100	<LOQ	Spirotetramat	8.9000E-2	30	3000	<LOQ
Fenpyroximate	1.3800E-1	30	2000	<LOQ	Spiroxamine	1.3100E-1	30	100	<LOQ
Fipronil	1.0700E-1	30	100	<LOQ	Tebuconazole	6.7000E-2	30	1000	<LOQ
Fonicamid	5.1700E-1	30	2000	<LOQ	Thiacloprid	6.4000E-2	30	100	<LOQ
Fludioxonil	1.7400E+0	30	3000	<LOQ	Thiamethoxam	5.0000E-2	30	1000	<LOQ
Hexythiazox	4.9000E-2	30	2000	<LOQ	Trifloxystrobin	3.7000E-2	30	3000	<LOQ

**Pathogenic Microbiology**  
SAE (MicroArray)

**Passed**  
SOP13.019  
(Micro Array)

Specimen Weight: 1025.110 mg

Dilution Factor: 1.000			
Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Aspergillus flavus	Absence in 1g	Aspergillus terreus	Absence in 1g
Aspergillus fumigatus	Absence in 1g	Salmonella	Absence in 1g
Aspergillus niger	Absence in 1g	STEC E. Coli	Absence in 1g

**Listeria Monocytogenes**  
Specimen Weight: 975.300 mg

**Passed**  
SOP13.032  
(qPCR)

Dilution Factor: 1.000		
Analyte	Action Level (cfu/g)	Result
Listeria Monocytogenes	1	Absence in 1g

**Mycotoxins**  
Specimen Weight: 273.800 mg

**Passed**  
SOP13.007 (LCMS)

Dilution Factor: 5.480				
Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	3.0400E-1	6	20	<LOQ
Aflatoxin B2	7.7000E-2	6	20	<LOQ
Aflatoxin G1	3.0400E-1	6	20	<LOQ

Xueli Gao  
Lab Toxicologist  
Ph.D., DABT

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CLIA No. 10D1094068

# Certificate of Analysis

Compliance Test

**LITTLE HIGH**  
1450 W 228TH ST UNIT 35  
TORRANCE, CA 90501

Batch # 1018624  
Batch Date: 2022-11-29  
Extracted From: Hemp

Sampling Method: MSP 7.3.1  
Test Reg State: Oregon

Order # LIT221129-060001  
Order Date: 2022-11-29  
Sample # AADU455

Sampling Date: 2022-12-02  
Lab Batch Date: 2022-12-02  
Completion Date: 2022-12-06

Initial Gross Weight: 64.002 g

## Residual Solvents - FL (CBD)

Specimen Weight: 11.500 mg

**Passed**  
SOP13.039 (GCMS)

Dilution Factor: 1.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.0094	0.16	8	<LOQ	Heptane	0.0013	1.39	5000	<LOQ
1,2-Dichloroethane	0.0003	0.04	5	<LOQ	Hexane	0.068	1.17	290	<LOQ
Acetone	0.015	2.08	5000	<LOQ	Isopropyl alcohol	0.0048	1.39	500	<LOQ
Acetonitrile	0.06	1.17	410	<LOQ	Methanol	0.0005	0.69	3000	<LOQ
Benzene	0.0002	0.02	2	<LOQ	Methylene chloride	0.0029	2.43	600	<LOQ
Butanes	0.4167	2.5	2000	<LOQ	Pentane	0.037	2.08	5000	<LOQ
Chloroform	0.0001	0.04	60	<LOQ	Propane	0.031	5.83	2100	<LOQ
Ethanol	0.0021	2.78	5000	<LOQ	Toluene	0.0009	2.92	890	<LOQ
Ethyl Acetate	0.0012	1.11	5000	<LOQ	Total Xylenes	0.0001	2.92	2170	<LOQ
Ethyl Ether	0.0049	1.39	5000	<LOQ	Trichloroethylene	0.0014	0.49	80	<LOQ
Ethylene Oxide	0.0038	0.1	5	<LOQ					

## HHC Metals

Specimen Weight: 251.240 mg

**Passed**  
SOP13.051 (ICP-MS)

Dilution Factor: 199.013

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	1.9E-2	100	200	<LOQ	Nickel (Ni)	1.5E-1	250	500	<LOQ
Cadmium (Cd)	4.0E-3	100	200	<LOQ	Palladium (Pd)	7.0E-3	50	100	<LOQ
Lead (Pb)	1.0E-2	100	500	<LOQ	Platinum (Pt)	1.3E-2	50	100	<LOQ
Mercury (Hg)	4.4E-2	100	200	<LOQ	Zinc (Zn)	4.1E-1	1000	na	<LOQ

## HHCP

Specimen Weight: 56.160 mg

**Tested**  
SOP13.050 (LCMS)

Dilution Factor: 5000.000

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)	Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	3.1100E-7	7.5E-5	20.3000	2.03	9(S)-HHCP	2.5500E-6	7.5E-5	34.7000	3.47
(9S)-HHC	8.7400E-7	7.5E-5	10.2000	1.02	Delta-9 THC	2.8000E-5	7.5E-5	<LOQ	
(±)-9B-hydroxy-HHC	4.5800E-7	7.5E-5	2.6200	0.262	Total HHC			108.5200	10.852
9(R)-HHCP	3.0900E-6	7.5E-5	40.7000	4.07					

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# Certificate of Analysis

## Compliance Test

**LITTLE HIGH**  
1450 W 228TH ST UNIT 35  
TORRANCE, CA 90501

Batch # 1018627  
Batch Date: 2022-11-29  
Extracted From: Hemp

Sampling Method: MSP 7.3.1  
Test Reg State: Oregon

Lab Note: Photo Updated

Order # LIT221129-060001  
Order Date: 2022-11-29  
Sample # AADU456

Sampling Date: 2022-12-02  
Lab Batch Date: 2022-12-02  
Completion Date: 2022-12-06

Initial Gross Weight: 137.313 g



**Potency Tested**

**HHC Metals Passed**

**HHCP HHCP Tested**

**Mycotoxins Passed**

**Pesticides Passed**

**Residual Solvents Passed**

**Pathogenic Microbiology Passed**

**Listeria Monocytogenes Passed**

Product Image

### Potency 23 (LCUV)

Specimen Weight: 53.820 mg

### Tested

SOP13.002 (LCUV)

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	Result (%)
Delta-8 THC	1000.000	2.60E-5	0.0015	465.7000	46.5700
Delta-8 THC-O Acetate	100.000	2.70E-5	0.0003	172.9000	17.2900
Delta-9 THC-O Acetate	100.000	7.70E-5	0.0003	51.2500	5.1250
CBT	10.000	2.00E-4	0.0015	3.8620	0.3862
Delta-8 THCV	10.000	4.00E-5	0.0015	3.3530	0.3353
CBNA	10.000	9.50E-5	0.0015	2.0140	0.2014
Delta8-THCP	10.000	3.75E-4	0.0015	1.5470	0.1547
CBN	10.000	1.40E-5	0.0015	0.5980	0.0598
CBD	10.000	5.40E-5	0.0015	0.3080	0.0308
CBC	100.000	1.80E-5	0.0015	<LOQ	<LOQ
CBCA	10.000	1.07E-4	0.0015	<LOQ	<LOQ
CBDA	10.000	1.00E-5	0.0015	<LOQ	<LOQ
CBDV	10.000	6.50E-5	0.0015	<LOQ	<LOQ
CBDVA	10.000	1.40E-5	0.0015	<LOQ	<LOQ
CBG	10.000	2.48E-4	0.0015	<LOQ	<LOQ
CBGA	10.000	8.00E-5	0.0015	<LOQ	<LOQ
CBL	10.000	3.50E-5	0.0015	<LOQ	<LOQ
Delta-9 THC	100.000	1.30E-5	0.0015	<LOQ	<LOQ
Delta9-THCP	10.000	1.17E-5	0.0012	<LOQ	<LOQ
Exo-THC	10.000	2.30E-4	0.0015	<LOQ	<LOQ
THCA-A	10.000	3.20E-5	0.0015	<LOQ	<LOQ
THCV	10.000	7.00E-6	0.0015	<LOQ	<LOQ
THCVA	10.000	4.70E-5	0.0015	<LOQ	<LOQ

### Potency Summary

<b>9.950%</b> Total HHC	<LOQ	-	Total Active THC	None Detected
<b>0.031%</b> Total Active CBD	<LOQ	-	Total CBG	None Detected
<b>0.236%</b> Total CBN	<LOQ	<b>69.707%</b>	Other Cannabinoids	<LOQ
<b>79.924%</b> Total Cannabinoids	<LOQ			

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



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

# Certificate of Analysis

## Compliance Test

**LITTLE HIGH**  
1450 W 228TH ST UNIT 35  
TORRANCE, CA 90501

Batch # 1018627  
Batch Date: 2022-11-29  
Extracted From: Hemp

Sampling Method: MSP 7.3.1  
Test Reg State: Oregon

Order # LIT221129-060001  
Order Date: 2022-11-29  
Sample # AADU456

Sampling Date: 2022-12-02  
Lab Batch Date: 2022-12-02  
Completion Date: 2022-12-06

Initial Gross Weight: 137.313 g

### Pesticides

Specimen Weight: 270.700 mg

**Passed**  
SOP13.007  
(LCMS/GCMS)

Dilution Factor: 5.540									
Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	2.8800E-1	28.23	300	<LOQ	Imazalil	2.4800E-1	30	100	<LOQ
Acephate	2.3000E-2	30	3000	<LOQ	Imidacloprid	9.4000E-2	30	3000	<LOQ
Acequinocyl	9.5640E+0	48	2000	<LOQ	Kresoxim Methyl	4.2000E-2	30	1000	<LOQ
Acetamiprid	5.2000E-2	30	3000	<LOQ	Malathion	8.2000E-2	30	2000	<LOQ
Aldicarb	2.6000E-2	30	100	<LOQ	Metolaxyl	8.1000E-2	10	3000	<LOQ
Azoxystrobin	8.1000E-2	10	3000	<LOQ	Methiocarb	3.2000E-2	30	100	<LOQ
Bifenazate	1.4150E+0	30	3000	<LOQ	Methomyl	2.2000E-2	30	100	<LOQ
Bifenthrin	4.3000E-2	30	500	<LOQ	Mevinphos	2.1500E+0	30	100	<LOQ
Carbaryl	2.2000E-2	10	500	<LOQ	Myclobutanil	1.0290E+0	30	3000	<LOQ
Chlorfenapyr	8.0000E-2	48	100	<LOQ	Naled	9.5000E-2	30	500	<LOQ
Chlorpyrifos	3.5000E-2	30	100	<LOQ	Oxamyl	2.5000E-2	30	500	<LOQ
Clofentezine	1.1900E-1	30	500	<LOQ	Paclobotrazol	6.5000E-2	30	100	<LOQ
Coumaphos	3.7700E+0	30	100	<LOQ	Parathion-methyl	1.7100E+0	48	100	<LOQ
Cyfluthrin	3.1100E+0	30	1000	<LOQ	Pentachloronitrobenzene	1.3200E+0	30	200	<LOQ
Cypermethrin	1.4490E+0	30	1000	<LOQ	Permethrin	3.4300E-1	30	1000	<LOQ
Daminozide	8.8500E-1	30	100	<LOQ	Phosmet	8.2000E-2	30	200	<LOQ
Diazinon	4.4000E-2	30	200	<LOQ	Piperonylbutoxide	2.9000E-2	30	3000	<LOQ
Dichlorvos	2.1820E+0	30	100	<LOQ	Prallethrin	7.9800E-1	30	400	<LOQ
Dimethoate	2.1000E-2	30	100	<LOQ	Propiconazole	7.0000E-2	30	1000	<LOQ
Dimethomorph	5.8300E+0	30	3000	<LOQ	Propoxur	4.6000E-2	30	100	<LOQ
Ethoprophos	3.6000E-1	30	100	<LOQ	Pyrethrins	2.3593E+1	30	1000	<LOQ
Etofenprox	1.1600E-1	30	100	<LOQ	Pyridaben	3.2000E-2	30	3000	<LOQ
Etoxazole	9.5000E-2	30	1500	<LOQ	Spinetoram	8.0000E-2	30	3000	<LOQ
Fenhexamid	5.1000E-1	30	3000	<LOQ	Spiromesifen	2.6100E-1	30	3000	<LOQ
Fenoxycarb	1.0700E-1	30	100	<LOQ	Spirotetramat	8.9000E-2	30	3000	<LOQ
Fenpyroximate	1.3800E-1	30	2000	<LOQ	Spiroxamine	1.3100E-1	30	100	<LOQ
Fipronil	1.0700E-1	30	100	<LOQ	Tebuconazole	6.7000E-2	30	1000	<LOQ
Fonicamid	5.1700E-1	30	2000	<LOQ	Thiacloprid	6.4000E-2	30	100	<LOQ
Fludioxonil	1.7400E+0	30	3000	<LOQ	Thiamethoxam	5.0000E-2	30	1000	<LOQ
Hexythiazox	4.9000E-2	30	2000	<LOQ	Trifloxystrobin	3.7000E-2	30	3000	<LOQ

### Pathogenic Microbiology SAE (MicroArray)

**Passed**  
SOP13.019  
(Micro Array)

Specimen Weight: 1049.140 mg

Dilution Factor: 1.000			
Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Aspergillus flavus	Absence in 1g	Aspergillus terreus	Absence in 1g
Aspergillus fumigatus	Absence in 1g	Salmonella	Absence in 1g
Aspergillus niger	Absence in 1g	STEC E. Coli	Absence in 1g

### Listeria Monocytogenes

**Passed**  
SOP13.032  
(qPCR)

Specimen Weight: 1024.600 mg

Dilution Factor: 1.000		
Analyte	Action Level (cfu/g)	Result
Listeria Monocytogenes	1	Absence in 1g

### Mycotoxins

Specimen Weight: 270.700 mg

**Passed**  
SOP13.007 (LCMS)

Dilution Factor: 5.540				
Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	3.0400E-1	6	20	<LOQ
Aflatoxin B2	7.7000E-2	6	20	<LOQ
Aflatoxin G1	3.0400E-1	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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Batch Date: 2022-11-29  
Extracted From: Hemp

Sampling Method: MSP 7.3.1  
Test Reg State: Oregon

Order # LIT221129-060001  
Order Date: 2022-11-29  
Sample # AADU456

Sampling Date: 2022-12-02  
Lab Batch Date: 2022-12-02  
Completion Date: 2022-12-06

Initial Gross Weight: 137.313 g

### Residual Solvents - FL (CBD)

Specimen Weight: 10.800 mg

**Passed**  
SOP13.039 (GCMS)

Dilution Factor: 1.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.0094	0.16	8	<LOQ	Heptane	0.0013	1.39	5000	<LOQ
1,2-Dichloroethane	0.0003	0.04	5	<LOQ	Hexane	0.068	1.17	290	<LOQ
Acetone	0.015	2.08	5000	<LOQ	Isopropyl alcohol	0.0048	1.39	500	<LOQ
Acetonitrile	0.06	1.17	410	<LOQ	Methanol	0.0005	0.69	3000	<LOQ
Benzene	0.0002	0.02	2	<LOQ	Methylene chloride	0.0029	2.43	600	<LOQ
Butanes	0.4167	2.5	2000	<LOQ	Pentane	0.037	2.08	5000	<LOQ
Chloroform	0.0001	0.04	60	<LOQ	Propane	0.031	5.83	2100	<LOQ
Ethanol	0.0021	2.78	5000	<LOQ	Toluene	0.0009	2.92	890	<LOQ
Ethyl Acetate	0.0012	1.11	5000	<LOQ	Total Xylenes	0.0001	2.92	2170	<LOQ
Ethyl Ether	0.0049	1.39	5000	<LOQ	Trichloroethylene	0.0014	0.49	80	<LOQ
Ethylene Oxide	0.0038	0.1	5	<LOQ					

### HHC Metals

Specimen Weight: 251.540 mg

**Passed**  
SOP13.051 (ICP-MS)

Dilution Factor: 198.776

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	1.9E-2	100	200	<LOQ	Nickel (Ni)	1.5E-1	250	500	<LOQ
Cadmium (Cd)	4.0E-3	100	200	<LOQ	Palladium (Pd)	7.0E-3	50	100	<LOQ
Lead (Pb)	1.0E-2	100	500	<LOQ	Platinum (Pt)	1.3E-2	50	100	<LOQ
Mercury (Hg)	4.4E-2	100	200	<LOQ	Zinc (Zn)	4.1E-1	1000	na	<LOQ

### HHCP

Specimen Weight: 53.820 mg

**Tested**  
SOP13.050 (LCMS)

Dilution Factor: 5000.000

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)	Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	3.1100E-7	7.5E-5	19.7000	1.97	9(S)-HHCP	2.5500E-6	7.5E-5	30.0000	3
(9S)-HHC	8.7400E-7	7.5E-5	7.3600	0.736	Delta-9 THC	2.8000E-5	7.5E-5	<LOQ	
(±)-9B-hydroxy-HHC	4.5800E-7	7.5E-5	2.2400	0.224	Total HHC			99.5000	9.95
9(R)-HHCP	3.0900E-6	7.5E-5	40.2000	4.02					

*Xueli Gao*  
Xueli Gao Lab Toxicologist  
Ph.D., DABT

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Aixia Sun Lab Director/Principal Scientist  
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