



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

# Certificate of Analysis

## Compliance Test

**OCHO EXTRACTS**  
130 MCCORMICK AVE  
SUITE 101  
COSTA MESA, CA 92626

Batch # 888-031  
Batch Date: 2022-06-14  
Extracted From: Hemp

Sampling Method: MSP 7.3.1  
Test Reg State: Florida

Order # OCH220614-100001  
Order Date: 2022-06-14  
Sample # AACV678

Sampling Date: 2022-06-21  
Lab Batch Date: 2022-06-21  
Completion Date: 2022-06-29

Initial Gross Weight: 136.700 g



Potency Tested	HHC Tested	HHC Metals Passed	2,3-Butanedione Passed	Mycotoxins Passed
Pesticides Passed	Residual Solvents Passed	Listeria Monocytogenes Passed	Pathogenic Passed	Vitamin E Passed

Product Image

### Potency 21 (LCUV)

Specimen Weight: 49.740 mg

Tested  
SOP13.030 (LCUV)

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	10.000	2.60E-5	0.0015	3.8160	0.3816
Delta-8 THC-O Acetate	10.000	2.70E-5	0.0003	3.0700	0.3070
CBN	10.000	1.40E-5	0.0015	1.1230	0.1123
CBNA	10.000	9.50E-5	0.0015	0.7350	0.0735
THCVA	10.000	4.70E-5	0.0015	<LOQ	
THCA	10.000	3.20E-5	0.0015	<LOQ	
THCV	10.000	7.00E-6	0.0015	<LOQ	
CBC	100.000	1.80E-5	0.0015	<LOQ	
Exo-THC	10.000	2.30E-4	0.0015	<LOQ	
Delta-9 THC-O Acetate	10.000	7.70E-5	0.0003	<LOQ	
CBCA	10.000	1.07E-4	0.0015	<LOQ	
Delta-8 THCV	10.000	4.00E-5	0.0015	<LOQ	
CBT	10.000	2.00E-4	0.0015	<LOQ	
CBL	10.000	3.50E-5	0.0015	<LOQ	
CBGA	10.000	8.00E-5	0.0015	<LOQ	
CBG	10.000	2.48E-4	0.0015	<LOQ	
CBDVA	10.000	1.40E-5	0.0015	<LOQ	
CBDV	10.000	6.50E-5	0.0015	<LOQ	
CBDA	10.000	1.00E-5	0.0015	<LOQ	
CBD	10.000	5.40E-5	0.0015	<LOQ	
Delta-9 THC	10.000	1.30E-5	0.0015	<LOQ	

### Potency Summary

Total HHC 99.11558%	Total THC None Detected
Total CBD None Detected	Total CBG None Detected
Total CBN 0.177%	Other Cannabinoids 0.689%
Total Cannabinoids 99.981%	

Xueli Gao  
Lab Toxicologist  
Ph.D., DABT

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



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Completion Date: 2022-06-29

Initial Gross Weight: 136.700 g

**Pesticides FL V4** **Passed**  
SOP13.007 (LCMS/GCMS)  
Specimen Weight: 259.000 mg

Dilution Factor: 5.792

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	Fludioxonil	1.7400E+0	48	3000	<LOQ
Acephate	2.3000E-2	30	3000	<LOQ	Hexythiazox	4.9000E-2	30	2000	<LOQ
Acequinocyl	9.5640E+0	48	2000	<LOQ	Imazalil	2.4800E-1	30	100	<LOQ
Acetamiprid	5.2000E-2	30	3000	<LOQ	Imidacloprid	9.4000E-2	30	3000	<LOQ
Aldicarb	2.6000E-2	30	100	<LOQ	Kresoxim Methyl	4.2000E-2	30	1000	<LOQ
Azoxystrobin	8.1000E-2	10	3000	<LOQ	Malathion	8.2000E-2	30	2000	<LOQ
Bifenazate	1.4150E+0	30	3000	<LOQ	Metalaxyl	8.1000E-2	10	3000	<LOQ
Bifenthrin	4.3000E-2	30	500	<LOQ	Methiocarb	3.2000E-2	30	100	<LOQ
Boscalid	5.5000E-2	10	3000	<LOQ	Methomyl	2.2000E-2	30	100	<LOQ
Captan	6.1200E+0	30	3000	<LOQ	methyl-Parathion	1.7100E+0	10	100	<LOQ
Carbaryl	2.2000E-2	10	500	<LOQ	Mevinphos	2.1500E+0	10	100	<LOQ
Carbofuran	3.4000E-2	10	100	<LOQ	Myclobutanil	1.0290E+0	30	3000	<LOQ
Chlorantraniliprole	3.3000E-2	10	3000	<LOQ	Naled	9.5000E-2	30	500	<LOQ
Chlordane	1.0000E+1	10	100	<LOQ	Oxamyl	2.5000E-2	30	500	<LOQ
Chlorfenapyr	3.4000E-2	30	100	<LOQ	Paclobutrazol	6.5000E-2	30	100	<LOQ
Chloromequat Chloride	1.0800E-1	10	3000	<LOQ	Pentachloronitrobenzene	1.3200E+0	10	200	<LOQ
Chlorpyrifos	3.5000E-2	30	100	<LOQ	Permethrin	3.4300E-1	30	1000	<LOQ
Clofentezine	1.1900E-1	30	500	<LOQ	Phosmet	8.2000E-2	30	200	<LOQ
Coumaphos	3.7700E+0	48	100	<LOQ	Piperonylbutoxide	2.9000E-2	30	3000	<LOQ
Cyfluthrin	3.1100E+0	30	1000	<LOQ	Prallethrin	7.9800E-1	30	400	<LOQ
Cypermethrin	1.4490E+0	30	1000	<LOQ	Propiconazole	7.0000E-2	30	1000	<LOQ
Daminozide	8.8500E-1	30	100	<LOQ	Propoxur	4.6000E-2	30	100	<LOQ
Diazinon	4.4000E-2	30	200	<LOQ	Pyrethrins	2.3593E+1	30	1000	<LOQ
Dichlorvos	2.1820E+0	30	100	<LOQ	Pyridaben	3.2000E-2	30	3000	<LOQ
Dimethoate	2.1000E-2	30	100	<LOQ	Spinetoram	8.0000E-2	10	3000	<LOQ
Dimethomorph	5.8300E+0	48	3000	<LOQ	Spinosad	8.8000E-2	30	3000	<LOQ
Ethioniazine	3.6000E-1	30	100	<LOQ	Spiromesifen	2.6100E-1	30	3000	<LOQ
Etofenprox	1.1600E-1	30	100	<LOQ	Spirotetramat	8.9000E-2	30	3000	<LOQ
Etoxazole	9.5000E-2	30	1500	<LOQ	Spiroxamine	1.3100E-1	30	100	<LOQ
Fenhexamid	5.1000E-1	10	3000	<LOQ	Tebuconazole	6.7000E-2	30	1000	<LOQ
Fenoxycarb	1.0700E-1	30	100	<LOQ	Thiacloprid	6.4000E-2	30	100	<LOQ
Fenpyroximate	1.3800E-1	30	2000	<LOQ	Thiamethoxam	5.0000E-2	30	1000	<LOQ
Fipronil	1.0700E-1	30	100	<LOQ	Trifloxystrobin	3.7000E-2	30	3000	<LOQ
Fonicamid	5.1700E-1	30	2000	<LOQ					

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Sample # AACY678

Sampling Date: 2022-06-21  
Lab Batch Date: 2022-06-21  
Completion Date: 2022-06-29

Initial Gross Weight: 136.700 g

### Residual Solvents - FL (CBD)

**Passed**  
SOP13.039 (GCMS)

Specimen Weight: 13.200 mg

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-Dichlo roethene	0.0094	0.16	8	<LOQ	Heptane	0.0013	1.39	5000	<LOQ
1,2-Dichlo roethane	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
Acetonitri le	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 Acet ate	0.0012	1.11	5000	<LOQ	Total Xyle nes	0.0001	2.92	2170	<LOQ
Ethyl Ethe r	0.0049	1.39	5000	<LOQ	Trichloroe thylene	0.0014	0.49	80	<LOQ
Ethylene O xide	0.0038	0.1	5	<LOQ					

### HHC Metals

**Passed**  
13.051 (ICP-MS)

Specimen Weight: 247.440 mg

Dilution Factor: 202.069

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aluminium (Al)	1.8E+0	1000	na	16085.2	Nickel (Ni)	1.5E-1	250	500	<LOQ
Arsenic (A s)	1.9E-2	100	200	<LOQ	Palladium (Pd)	7.0E-3	50	100	<LOQ
Cadmium (C d)	4.0E-3	100	200	<LOQ	Platinum ( Pt)	1.3E-2	50	100	<LOQ
Lead (Pb)	1.0E-2	100	500	<LOQ	Zinc (Zn)	4.1E-1	1000	na	2754.2
Mercury (H g)	4.4E-2	100	200	<LOQ					

### HHC

**Tested**  
SOP13.050 (LCMS)

Specimen Weight: 49.740 mg

Dilution Factor: 1.000

Analyte	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)	Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	3.1100E-7	7.5E-5	558.7260	55.8726	(±)-9β-hydroxy-HHC	4.5800E-7	7.5E-5	1.3265	0.13265
(9S)-HHC	8.7400E-7	7.5E-5	431.1033	43.11033	Total HHC	7.5E-5		991.1558	99.11558

### Mycotoxins

**Passed**  
SOP13.007 (LCMS)

Specimen Weight: 259.000 mg

Dilution Factor: 5.792

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

### Pathogenic SAE (qPCR)

**Passed**  
SOP13.010 (qPCR)

Specimen Weight: 246.660 mg

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result (cfu/g)	Analyte	Action Level (cfu/g)	Result (cfu/g)
Aspergillus (Flavus, Fumigatus, Niger, Terreus)	1	Absence in 1g	Salmonella	1	Absence in 1g
E.Coli	1	Absence in 1g			

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Lab Toxicologist

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## 2,3-butanedione(Diacetyl)

**Passed**

Specimen Weight: 13.200 mg

SOP13.039 (GCMS)

Dilution Factor: 1.000

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
2,3-Butane dione	.024	0.024	<LOQ



## Listeria Monocytogenes

**Passed**

Specimen Weight: 982.700 mg

SOP13.010 (qPCR)

Dilution Factor: 1.000

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



## Vitamin E (Tocopheryl Acetate)

**Passed**

Specimen Weight: 259.000 mg

SOP13.007 (LC-MS)

Dilution Factor: 5.792

Analyte	LOD (ppb)	Result (ppb)
Vitamin E Acetate	.705	Not Detected

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Lab Toxicologist  
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