



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 # 888-023
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 # AACV670

Sampling Date: 2022-06-21
Lab Batch Date: 2022-06-21
Completion Date: 2022-06-30

Initial Gross Weight: 135.500 g



- Potency Tested
- Acetic Anhydride Tested
- Heavy Metals Passed
- 2-3-Butanedione Passed
- Mycotoxins Passed
- Pesticides Passed
- Residual Solvents Passed
- Listeria Monocytogenes Passed
- Pathogenic Passed
- Vitamin E Passed

Product Image

Delta 8/Delta 10 Potency 12 + Potency 21 (LCUV)

Tested SOP13.002 (LCUV)

Specimen Weight: 58.020 mg

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	1000.000	2.60E-5	0.0015	780.3000	78.0300
Delta-8 THC-O Acetate	100.000	2.70E-5	0.0003	82.5400	8.2540
Delta-8 THCV	10.000	4.00E-5	0.0015	5.2890	0.5289
CBD	10.000	5.40E-5	0.0015	2.0870	0.2087
Delta-9 THC-O Acetate	10.000	7.70E-5	0.0003	1.9410	0.1941
CBT	10.000	2.00E-4	0.0015	1.5240	0.1524
THCVA	10.000	4.70E-5	0.0015	<LOQ	<LOQ
Exo-THC	10.000	2.30E-4	0.0015	<LOQ	<LOQ
CBC	10.000	1.80E-5	0.0015	<LOQ	<LOQ
CBNA	10.000	9.50E-5	0.0015	<LOQ	<LOQ
CBDVA	10.000	1.40E-5	0.0015	<LOQ	<LOQ
CBCA	10.000	1.07E-4	0.0015	<LOQ	<LOQ
THCV	10.000	7.00E-6	0.0015	<LOQ	<LOQ
THCA	10.000	3.20E-5	0.0015	<LOQ	<LOQ
Delta-9 THC	10.000	1.30E-5	0.0015	<LOQ	<LOQ
Delta-10 THC	1000.000	3.00E-6	0.001	<LOQ	<LOQ
CBN	10.000	1.40E-5	0.0015	<LOQ	<LOQ
CBGA	10.000	8.00E-5	0.0015	<LOQ	<LOQ
CBG	10.000	2.48E-4	0.0015	<LOQ	<LOQ
CBDV	10.000	6.50E-5	0.0015	<LOQ	<LOQ
CBDA	10.000	1.00E-5	0.0015	<LOQ	<LOQ
CBL	10.000	3.50E-5	0.0015	<LOQ	<LOQ

Potency Summary

Total Delta 8 78.030%	78.030mg	Total Delta 10 None Detected
Total THC None Detected		Total CBD 0.209% 0.209mg
Total CBG None Detected		Total CBN None Detected
Other Cannabinoids 9.129%	9.129mg	Total Cannabinoids 87.3681% 87.3681mg

Summary Results determined from two distinct Potency Tests - Delta 8/Delta 10 Potency 12 + Potency 21 (LCUV)

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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Sample # AACY670

Sampling Date: 2022-06-21
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Completion Date: 2022-06-30

Initial Gross Weight: 135.500 g

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

Dilution Factor: 5.790

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
Ethoprofos	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					

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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Completion Date: 2022-06-30

Initial Gross Weight: 135.500 g

Residual Solvents - FL (CBD) Passed SOP13.039 (GCMS)

Specimen Weight: 10.000 mg

Dilution Factor: 1.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result
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					

Mycotoxins Passed SOP13.007 (LCMS) Pathogenic SAE (qPCR) Passed SOP13.010 (qPCR)

Specimen Weight: 259.000 mg

Specimen Weight: 244.250 mg

Dilution Factor: 5.790

Dilution Factor: 1.000

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result	Analyte	Action Level (cfu/g)	Result (cfu/g)
Aflatoxin B1	6	20	<LOQ		Aflatoxin G2	6	20	<LOQ		Salmonella	1	Absence in 1g
Aflatoxin B2	6	20	<LOQ		Ochratoxin A	12	20	<LOQ		Aspergillus (Flavus, Fumigatus, Niger, Terreus)	1	Absence in 1g
Aflatoxin G1	6	20	<LOQ							E.Coli	1	Absence in 1g

Heavy Metals Passed SOP13.048 (ICP-MS) Acetic Anhydride Tested SOP13.046 (GCMS)

Specimen Weight: 248.960 mg

Specimen Weight: 82.600 mg

Dilution Factor: 200

Dilution Factor: 1.000

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result	Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
Arsenic (As)	4.83	100	1500	<LOQ	Lead (Pb)	11.76	100	500	<LOQ	Acetic Anhydride	0.06	2.6	<LOQ
Cadmium (Cd)	.64	100	500	<LOQ	Mercury (Hg)	.58	100	3000	<LOQ				

2,3-butanedione (Diacetyl) Passed SOP13.039 (GCMS)

Specimen Weight: 10.000 mg

Dilution Factor: 1.000

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

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Lab Toxicologist

Aixia Sun
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Listeria Monocytogenes **Passed**
SOP13.010 (qPCR)
Specimen Weight: 1001.370 mg

Dilution Factor: 1.000

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

Vitamin E (Tocopheryl Acetate) **Passed**
SOP13.007 (LC-MS)
Specimen Weight: 259.000 mg

Dilution Factor: 5.790

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

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Ph.D., DABT
Lab Toxicologist

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Lab Director/Principal Scientist



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